



**CAPTIAL PROJECT ADVISORY COMMITTEE**  
**SIGN IN SHEET**  
**Wednesday, September 28, 2011**

Paul Corbett, County Council [Chair]

*Paul Corbett*

Scott Moulder, County Administrator

Bobby Williams, Infrastructure Advisory Commission

David Mead, At Large Representative

*David W. Mead*

John Rau, At Large Representative

*John Rau*

Ryan Honea, Planning Commission

*Ryan Honea*

Kendra Brown, Finance Director

*Kendra Brown*

Lake Julian, Facilities Director

*Lake Julian*

Art Hofbrooks, OC Planning

*Art Hofbrooks*

**SECRETARY:** Elizabeth Hulsa, Clerk to Council

*Elizabeth Hulsa*

**GUESTS:**

Please Print Name

Please Sign Here

Phil Shirley, PRT Director

*Phil Shirley*

Jim Alexander, Econ. Develop Director

*Jim Alexander*

Russell Johnson, Econ Development

*Russell Johnson*

Frankie Pearson

*Frankie Pearson*

Carlos Galanosa

*Carlos Galanosa*

Bobo Richards

*Bobo Richards*



Oconee County, South Carolina  
 Capital Projects Advisory Committee  
 Capital Project Information Sheet

Department:	Economic Development
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Description	Construct a 50,000sf Shell Facility and Retention Pond at the Oconee County Commerce Center on Highway 11.		
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Total Cost	~\$1.5M	Estimated Useful Life in Years:	N/A	New or Replacement:	New
Start Date	\$ 40.118	Estimated Time to Complete	9 months		

Cost Estimate	Amount	Additional Information
Site Acquisition and Pre-Design		
Design and Administration	\$ 29,000	
Construction Contracts	\$ 1,470,000	
Furnishings, Fixtures and Equipment	\$ -	
Other Project Costs (Please Describe)	\$ -	
	\$ -	
	\$ -	
<b>TOTAL ESTIMATED COST</b>	<b>\$ 1,499,000</b>	

Proposed Sources of Funding for the Total Request	Amount	Additional Information
County Annual Budget	\$ -	Grants are in the form of Utility tax Credits; \$600,000 from Blue Ridge Electric and \$430,000 from AT&T.
General Obligation Bonds	\$ -	
Special Revenue Bonds	\$ -	
Capital Lease	\$ -	
Economic Development Millage	\$ 420,000	
Bridge & Culvert Millage	\$ -	
Grants	\$ 1,030,000	
LAT/ATAK	\$ -	
Fund Balance	\$ -	
Donations	\$ -	
Other (briefly describe):	\$ -	
<b>TOTAL PROPOSED FUNDING SOURCES</b>	<b>\$ 1,500,000</b>	

Estimated Change in Operating Costs		
Category	Brief Description/Justification	Annual Cost
Additional Personnel		\$ -
Materials and Supplies		\$ -
Equipment		\$ -
Utilities	Water, in-side and out-side lights	\$ 600
Other	Security and Lawn Care	\$ 400
		\$ -
	<b>TOTAL</b>	<b>\$ 1,000</b>





## Oconee County, South Carolina

### Capital Project Advisory Committee

### Project Criteria Questionnaire

The purpose of this document is to assist the Capital Project Advisory Committee (CPAC) in understanding and scoring proposed capital projects. The questions are based on issues evaluated by CPAC, and attempt to establish an overview of the scope of the project.

**Instructions:** Answer each of the major questions (*in bold italics*) listed in the 7 criteria categories below. All major questions must be answered with either 'yes', 'no', or 'n/a' if not applicable. For any major question answered 'yes', provide the supporting information requested in a *complete and easy to understand* narrative that addresses each of the related detailed questions. Use as much space as is needed. Copies of any available documentation (engineering estimates, quotes, plan summaries, etc.) should be submitted as necessary.

#### **Criteria 1: Public Health, Safety and Mandates**

**1. Does the proposed project directly address a health and/or safety need?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- What is the need most directly addressed by the proposed project, and how will it address the issue?
- Are there other possible alternatives to proposed project?
- Have other solutions been proposed/attempted?
- What secondary benefits to health and safety will result from the proposed project?

Click on gray area to insert response -box will expand as needed:

**2. Does the proposed project address a federal/state mandate?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- What agency is mandating the project (note specific section of law/regulation)?

- b. Has the County Attorney reviewed the issue?
- c. Are there other possible alternatives to the proposed project?
- d. Is there a deadline to meet the mandate, and is this a recurring requirement? If so, what is the anticipated length of time the proposed project will remain in compliance?

*Click on gray area to insert response -box will expand as needed:*

## **Criteria 2: Goals Established in Adopted Plans**

3. *Does the proposed project help to implement goals established in the Comprehensive Plan?*

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What goal/objective/strategy(s) will be addressed by the proposed project?
- b. What timeline was adopted for implementation?
- c. Who was the agency listed as the responsible party in the plan?

*Click on gray area to insert response -box will expand as needed:*

- a. *The goal is to attract businesses that will create jobs and pay taxes or fees.*
- b. *The desire is to sell the shell as soon as possible.*
- c. *County Council and the Economic Development Commission.*

4. *Is the proposed project consistent with adopted strategic plans?*

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What strategic plans reference the proposed project (note any timelines, responsible parties, etc.)?
- b. What agency sponsored the strategic plan?
- c. How was the plan developed?
- d. Has the plan been adopted/endorsed by County Council?

*Click on gray area to insert response -box will expand as needed:*

- a. *The need for Economic Development product was a major goal of the Economic Development Strategic Plan completed in early 2008; Task 3, sub-task 4.*
- b. *Economic Development Commission.*
- c. *Through the Economic Development Commission with the professional guidance of the Genesis Consulting Group out of Columbia. The consultant was selected through a bidding process. There were 8 firms involved in the bid process*
- d. *Yes, in 2008.*

5. *Does the proposed project implement the recommendations of a previous study?*

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. *What agency sponsored the study (note the source of any funding)?*
- b. *What was the purpose of the study, and when was it performed?*
- c. *What factors considered in the study have changed since the work was done?*
- d. *Have the results of the study been presented to County Council?*

*Click on gray area to insert response -box will expand as needed:*

- a. *The study was sponsored by the Economic Development Commission. The funding came from both the County and the South Carolina Power team. The South Carolina Power Team provided \$39,600 of the \$44,000.*
- b. *The Strategic Plan was developed to identify the needs of the EDC to be more competitive in the Economic Development arena. It was completed in early 2008 and took approximately 6 months to complete.*
- c. *Approximately half of the 37 tasks or sub-tasks have been completed or are underway. The plan has just been reviewed for the third time and a rewrite is under way.*
- d. *Yes and the Council has been updated on a quarterly basis at the Planning Commission and Economic Development Commission Committee's quarterly meetings.*

6. *Has the proposed project been consistently included in previous Capital Improvement Plans?*

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. When was the project first proposed?
- b. What was the original proposed date of construction/acquisition/implementation?
- c. Has any other agency also included the proposed project (or significant portion of) on their capital improvement plan?

*Click on gray area to insert response -box will expand as needed:*

### **Criteria 3: Economic Development**

7. *Will the proposed project result in the creation of (or retention of) jobs?*

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. How many jobs will be created?
- b. How many jobs will be retained that would otherwise be lost without the proposed project?
- c. What types of jobs?
- d. What is that anticipated pay range of the jobs?
- e. Are there other known job-related benefits associated with the proposed project?

*Click on gray area to insert response -box will expand as needed:*

a. *Unknown.*

b. *Unknown.*

c. *Unknown but expect hourly wages to be comparable to the County average wage rate of approximately \$16.50/hour.*

d. *Unknown but it is expected the jobs will have medical benefits.*

8. *Will the proposed project facilitate development that directly enhances revenues through taxes or fees?*

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What sources of increased revenues (taxes, fees, etc.) are anticipated to stem from the proposed project?
- b. What is the anticipated annual impact on each revenue source?
- c. Are there other possible enhancements to revenues that may be associated with the proposed project?

Click on gray area to insert response -box will expand as needed:

- a. Unknown until the business is identified.
- b. Unknown.
- c. Any new business will add new money in the form of wages and taxes. Most industrial businesses requires local services and a common "multiplier" factor is four. That means each new industrial jobs helps create 4 in-direct jobs.

9. Will the proposed project enhance the County's image, thereby attracting potential investors?

Yes  No  N/A

If the answer is No or N/A, move on to the next question; If the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. How will the proposed project be viewed by the 'average' citizen?
- b. How 'visible' will the proposed project (or its benefits) be?
- c. What type(s) of, and how much, private investment is the proposed project anticipated to attract?
- d. What level and type of promoting will be necessary to achieve the proposed project's maximum potential in attracting investment?

Click on gray area to insert response -box will expand as needed:

- a. Without the appropriate marketing and positive press coverage the "average" citizen may not understand the process required to attract a new business.
- b. A "shell" will be very visible and that helps attract prospects.
- c. Unknown.
- d. Marketing is required and we are assisted by the following:
  1. South Carolina Power Team (Electric Co-op Marketing Arm)

2. *South Carolina Department of Commerce.*

3. *Upstate Alliance (Marketing agency for 10 upstate county in SC and we travel with the Upstate Alliance on selected marketing trips).*

4. *Appalachian Council of Governments.*

10. *Will the proposed project help prevent the loss of jobs and/or revenue (other than any discussed above in this section) from Oconee County?*

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What types of jobs/revenue are subject to loss without the proposed project?
- b. Has a project similar to the one proposed been completed in the county/jurisdiction to which the jobs/revenue will potentially be lost? If so, describe.
- c. Are there known alternatives to the proposed project that may effectively save the jobs/revenue?

*Click on gray area to insert response -box will expand as needed:*

## **Criteria 4: Capital Fiscal Impact**

11. *Will proposed project have a positive impact on the General Fund budget?*

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. How will the proposed project enhance revenues?
- b. What is the anticipated annual impact to the General Fund budget?
- c. What is the anticipated cost of delaying construction/acquisition of the proposed project?

*Click on gray area to insert response -box will expand as needed:*



- a. *The attraction of a new business will provide additional taxes or fees which will enhance the current tax base.*
- b. *The impact will depend on the investment make and the jobs created*
- c. *Unknown, but having no or limited product to show ensures you will not attract any new business and the tax base will not normally grow.*

12. *Will the proposed project facilitate acquisition of grants and/or other outside funding?*

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What types of grants and/or other outside funding sources are expected to be made available by construction/acquisition of the proposed project?
- b. Have other jurisdictions successfully leveraged such funds with similar projects? If so, provide a brief overview.

*Click on gray area to insert response -box will expand as needed:*

- a. *Depending on how quickly we sell the shell will determine the support we get from outside agencies such as Blue Ridge Electric Cooperative, Duke Energy and AT&T. They have limited Utility Tax Credit funds that are available to their service areas each year. Showing a positive program to grow our County normally makes getting their support much easier.*
- b. *Almost every county in South Carolina has constructed a shell or developed a park to attract new business using funds similar to the Utility Tax Credit funds.*

13. *Will the project be economically sustainable?*

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What resources (staffing, maintenance, upgrades, etc.) are anticipated to be required to operate and maintain the proposed project?
- b. How will the proposed project offset the cost of operation and maintenance?
- c. Are there additional potential sources of economic benefit available?

*Click on gray area to insert response -box will expand as needed:*

a. *Very limited support is needed other than upkeep of the shell (security and lawn care). This is shared by the facility maintenance folks and the Economic Development staff.*

b. *N/A.*

c. *Unknown.*

14. *Is the proposed project supported by available or previously designated funding?*

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What funding sources are designated for the proposed project?
- b. If the construction/acquisition of the proposed project is to be phased or otherwise completed over a period of 2 or more fiscal years, are the designated funds available for each fiscal year?

*Click on gray area to insert response -box will expand as needed:*

15. *Will construction/acquisition of the proposed project now result in significant savings or economies of scale?*

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What are the anticipated costs to delaying the project?
- b. Are there factors other than inflation that may result in additional costs?

*Click on gray area to insert response -box will expand as needed:*

## **Criteria 5: Operation and Maintenance Fiscal Impact**

16. *Will the proposed project have a positive impact on operation and maintenance budgets?*

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What is the anticipated annual cost to operate and maintain the proposed project?
- b. What existing asset is to be replaced or modified by the proposed capital project?  
Include annual cost to operate and maintain, and note expected savings.

*Click on gray area to insert response -box will expand as needed:*

17. Will the proposed project improve the efficiency of existing operations?

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What existing services will be impacted by the proposed project?
- b. In what way will the proposed project improve existing services?
- c. Are there options to the proposed project to gain similar improvements in efficiency?

*Click on gray area to insert response -box will expand as needed:*

*a. Hopefully the EDC staff will be busier responding to Requests for Information (RFIs) since they have product to attract new businesses.*

*b. Same as a. above.*

*c. "Virtual buildings" have been reviewed but they do not attract the same category of prospects plus there is an unknown cost in preparing a site and paying for engineering.*

18. Is the proposed project considered 'low-maintenance'?

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. If the proposed project is the construction/acquisition of a replacement or improvement of an existing asset, how will it compare to current requirements?
- b. What are the key features related to ensuring the proposed project will require little maintenance?

c. Are there warranties or guarantees associated with the proposed project?

*Click on gray area to insert response -box will expand as needed:*

**19. Will the proposed project require additional resources (staff, funding, etc.) to support its operation?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- What additional resources will be required?
- Can some resources be 'shared' with other assets?
- Are there options available that will limit need for additional resources?

*Click on gray area to insert response -box will expand as needed:*

**20. Are there any existing assets which will be rendered obsolete/surplus or otherwise unneeded by the proposed project?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- What assets will be rendered obsolete/surplus or otherwise unneeded by the proposed project?
- How functional are the assets in their current condition?
- What are the potential uses for the assets?
- What is the estimated costs to recondition/upgrade the assets for these identified potential uses? How much to demolish?

*Click on gray area to insert response -box will expand as needed:*

## **Criteria 6: Impact on Service Levels**

21. Will proposed project bring service up to desired level?

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What is the desired level of service?
- b. Was the target service level determined through a formal study? If not, what is determination based on?

Click on gray area to insert response -box will expand as needed:

22. Will the proposed project improve levels of service provided by more than one asset or function?

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What other asset or function will be enhanced by the proposed project?
- b. How will levels of service be enhanced?

Click on gray area to insert response -box will expand as needed:

## **Criteria 7: Relationship to Other Projects/Coordination**

23. Does the proposed project coordinate well with other ongoing or planned projects?

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What other projects may be impacted by the decision to construct/acquire the proposed project at this time?
- b. Are there any special concerns that need to be addressed to ensure the development of the proposed project does not negatively impact other projects?

Click on gray area to insert response -box will expand as needed:



*a. Constructing a shell may delay the development of other industrial sites.*

*b. The project needs to be sold as a positive outlet to attract new investment which will create jobs. Sharing the story of what the first shell accomplished needs to be told again and again. It saved 10 jobs and created 50-60 new jobs from a company (Lift Technologies) that could have gone elsewhere if we had not had a facility that met their needs.*

**24. Can the project be effectively coordinated with other projects in the same area?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What other capital projects are being constructed/acquired in the same area?
- b. What are the steps necessary to ensure the proposed project does not negatively impact (or are negatively impacted by) other projects?

*Click on gray area to insert response -box will expand as needed:*

*a. Indirect competition is the development of the Golden Corner Commerce park and the Echo Hills Park. Both of these parks needs the appropriate infrastructure to make them viable.*

*b. Remind citizens that you need both parks and buildings to attract new businesses that will create taxes and jobs!*

**25. Does the proposed project address needs or otherwise benefit other jurisdictions?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What jurisdiction(s) will benefit from the proposed project?
- b. What are the potential benefits?
- c. Is there a potential for partnership with the jurisdiction?

*Click on gray area to insert response -box will expand as needed:*

**26. Is the project timely or subject to a window of opportunity?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- What is the timeframe for constructing/acquiring the proposed project?
- What are the potential negative impacts of delaying the project?
- Can construction/acquisition of the proposed project be phased or otherwise accomplished over multiple years?

*Click on gray area to insert response -box will expand as needed:*

- Building the shell at the time we did allowed for lower construction costs due to the tight economy.*
- Material costs and construction cost could easily go up (and they did).*
- A project of this nature can easily be spread over two years.*

**27. Will the project create any disruption or inconvenience to the public?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- What are the potential sources of disruption or inconvenience to the public?
- What steps can be taken to mitigate the problems?

*Click on gray area to insert response -box will expand as needed:*

**28. Is the proposed project the best use of the funding available for its category of project?**

Yes  No  N/A

If the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- Are there other similar projects proposed (or expected to be proposed in the near future)?
- Why is the proposed project the best use of the funds?

*Click on gray area to insert response -box will expand as needed:*

a. *Another shell should be constructed within 9 months of selling this shell; having product is absolutely necessary to be competitive in the Economic Development business.*

b. *Showing "dirt" does not sell a community!*



Oconee County, South Carolina  
**Capital Projects Advisory Committee**  
**Capital Project Information Sheet**

<b>Department:</b>	Parks, Recreation & Tourism	
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<b>Description</b>	Chau-Ram County Park Disc Golf Course				
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<b>Total Cost</b>	\$ 15,000	<b>Estimated Useful Life in Years:</b>	25 years+	<b>New or Replacement:</b>	New
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<b>Start Date</b>	TBA	<b>Estimated Time to Complete</b>	6 months		
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Cost Estimate	Amount	Additional Information
Site Acquisition and Pre-Design	\$ -	It is anticipated that design services will be volunteer, and that labor and equipment uses will be that of existing Oconee County staff from PRT and Road Dept. \$10,000 cost will be for Disc golf baskets, concrete for the tee pads, trash cans and park benches.
Design and Administration	\$ -	
Construction Contracts	\$ -	
Furnishings, Fixtures and Equipment	\$ 15,000	
Other Project Costs (Please Describe)	\$ -	
	\$ -	
<b>TOTAL ESTIMATED COST</b>	<b>\$ 15,000</b>	

Proposed Sources of Funding for the Total Request	Amount	Additional Information
County Annual Budget	\$ -	LAT/ATAX will only be used if needed! It is the intent to completely fund equipment/concrete with donations. Labor and County equipment use will have a price, but until design, specific amounts not available.
General Obligation Bonds	\$ -	
Special Revenue Bonds	\$ -	
Capital Lease	\$ -	
Economic Development Millage	\$ -	
Bridge & Culvert Millage	\$ -	
Grants	\$ -	
LAT/ATAX	\$ 5,000	
Fund Balance	\$ -	
Donations	\$ 10,000	
Other (briefly describe):	\$ -	
<b>TOTAL PROPOSED FUNDING SOURCES</b>	<b>\$ 15,000</b>	

Estimated Change in Operating Costs		
Category	Brief Description/Justification	Annual Cost
Additional Personnel	None	\$ -
Materials and Supplies	Minimal-additional trash bags for detail	\$ 500
Equipment		\$ -
Utilities		\$ -
Other		\$ -
		\$ -
<b>TOTAL</b>		<b>\$ 500</b>



## Disc Golf is...



Fun for all ages



Healthy and easy to learn



Competitive excitement



What is

# Disc Golf?



Innova Disc Golf - West  
11077 Arrow Route  
Rancho Cucamonga, CA 91730  
800-408-8449

Innova Disc Golf - East  
2850 Commerce Drive  
Buck Hill, SC 29730  
800-475-3968

**INNOVA™**  
**DISC GOLF**

[www.innovadiscs.com](http://www.innovadiscs.com)





## Drives

The average disc golf hole is about 300 feet long. A full course will fit into many public parks and can be installed in under-utilized park areas such as hilly or wooded areas. Each hole begins with a drive and ends with a putt into an chain and basket target – reducing the number of throws it takes to get from tee to target is the challenge.



## Approaches

There are different discs for different disc golf shots, but you only need one disc to get started. Anyone who can throw a flying disc will be able to enjoy their first round of disc golf.



The equipment is inexpensive and most courses are free to play. There are now over 2500 courses in the U.S. alone, with hundreds more in Sweden, Japan, Canada and many other countries.

More than 100 new courses are installed every year. Log on to [innovadiscs.com](http://innovadiscs.com) to find a course near you and join the fun!



## Putts

### What makes disc golf great

- Easy to learn, continually challenges you
- Most courses are free and discs are inexpensive
- A great source of exercise
- Play with friends of all skill levels
- Fits into a busy schedule

### DiscGolfU

Purchase gear, find a course, log your scores, compete in events, and even win awards and prizes all in one place. Plus, as the official handicapping service for Disc Golf, DiscGolfU provides a Fun & Fairway to Play.

[www.DiscGolfU.com](http://www.DiscGolfU.com)



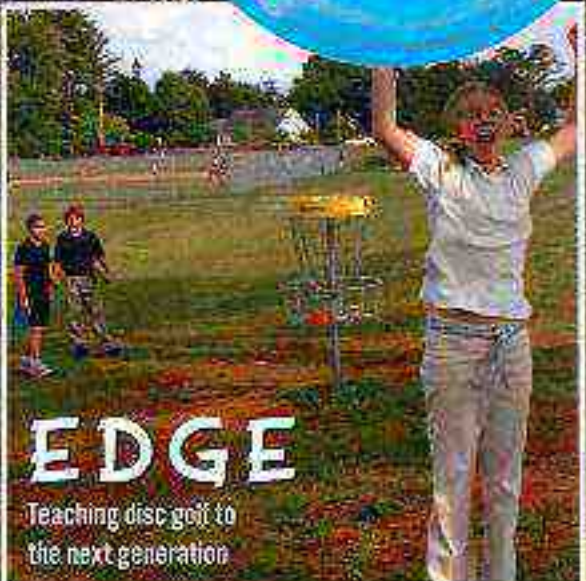
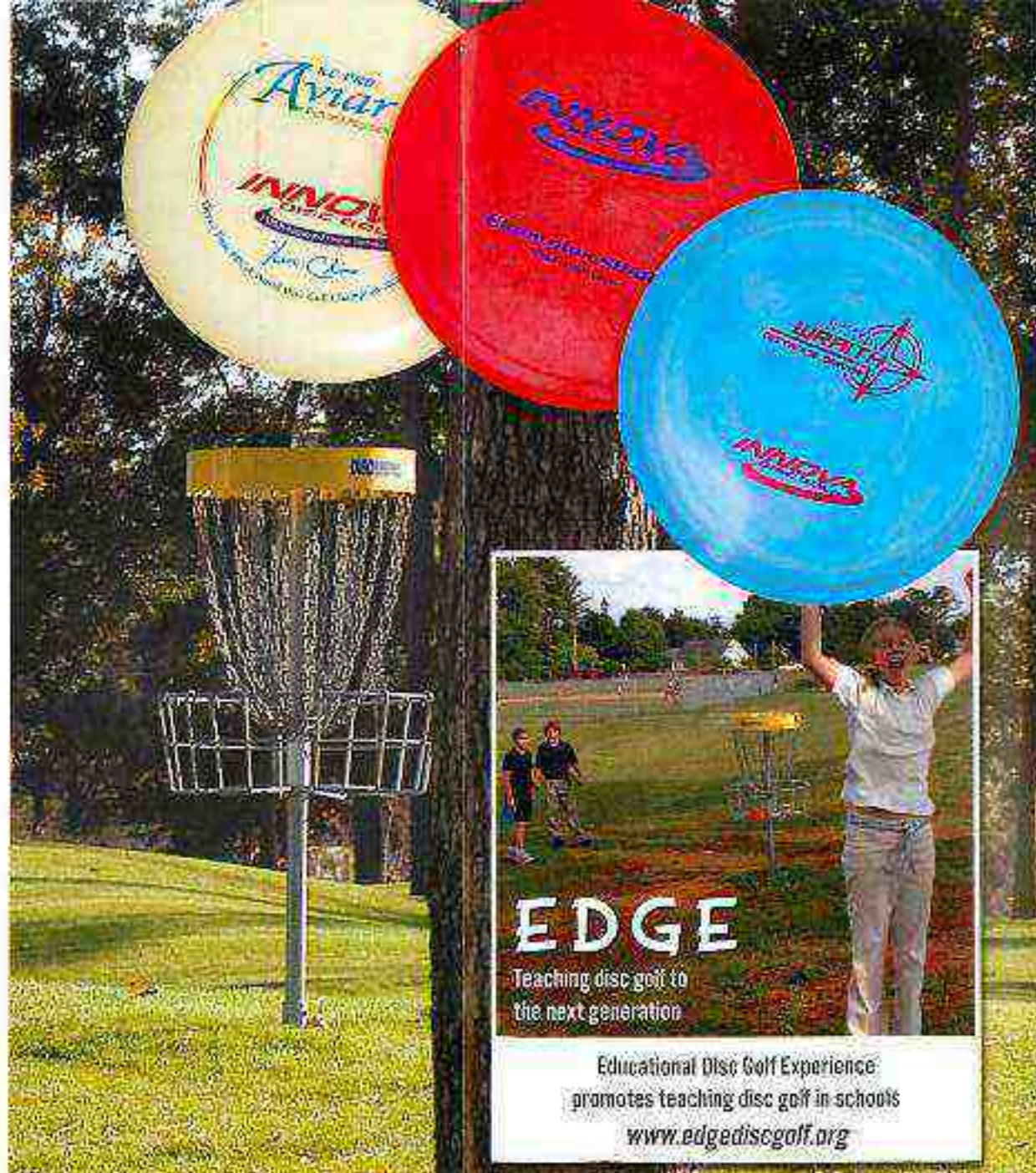
Disc Golf is exploding around the United States. Does your town have a course?



# It's golf... with discs!

Golf and disc golf share the same structure and thrills. The main difference is the equipment. Instead of clubs and balls, disc golfers throw specially designed golf discs to handle any obstacle a course may present. Players try to complete the course in as few throws as possible, it only takes one great throw to get hooked.

Disc golf is easy to learn, fun to play and one of the most affordable sports to play. Have you played disc golf yet?



**EDGE**  
Teaching disc golf to  
the next generation

Educational Disc Golf Experience  
promotes teaching disc golf in schools  
[www.edgediscgolf.org](http://www.edgediscgolf.org)







The game of disc golf began in the 1960's. It became more formalized with the installation of the first permanent course in Pasadena, CA in 1975. The game transformed into the sport of disc golf with the introduction of the beveled edge golf disc in 1983. Invented by Dave Dunipace of Innova Champion Discs, these new discs brought distance and control to ordinary players. Over the last three decades, Innova has continued to advance disc technology, bringing value, performance, and excitement to recreational and professional players alike. Today, there are over 2500 disc golf courses in the United States and the sport continues to grow as more people discover the fun and excitement of disc golf.

Innova golf discs are about 8-9 inches in diameter, and weigh between 130 and 180 grams. Discs are offered in a variety of plastics, from soft and supple to super-durable. With over 50 models offering a wide range of flight characteristics, there's an Innova disc for every type of thrower and every throw. Discs are designed to fly straight, turn left or right; some are designed to float in water or roll down fairways. From long distance shots off the tee to short range putting, Innova golf discs provide the answer to every disc golf challenge you'll face.



## The DISCatcher® PRO Target

Since Innova introduced the DISCatcher® Target in 1995, the number of courses in the United States has quadrupled.

The DISCatcher Target has all-metal construction assuring strength and longevity. The top, which supports the galvanized chain, is stainless steel with bright yellow powder coating. The bottom (basket) is constructed of steel which is hot-dip galvanized for long-lasting corrosion resistance. The DISCatcher is available in both a permanent and portable model, allowing for a variety of uses.

The DISCatcher's signature 4-inch wide upper band makes our targets easy to see from a distance. With 24 chains, the DISCatcher catches as good as it looks. Serious disc golfers around the world choose the DISCatcher for lasting quality and value.

**DISCatcher®**  
**PRO**  
Disc Golf Target

From the drive to the putt  
and everywhere in between  
Innova is the Choice of  
Champions for Disc Golf

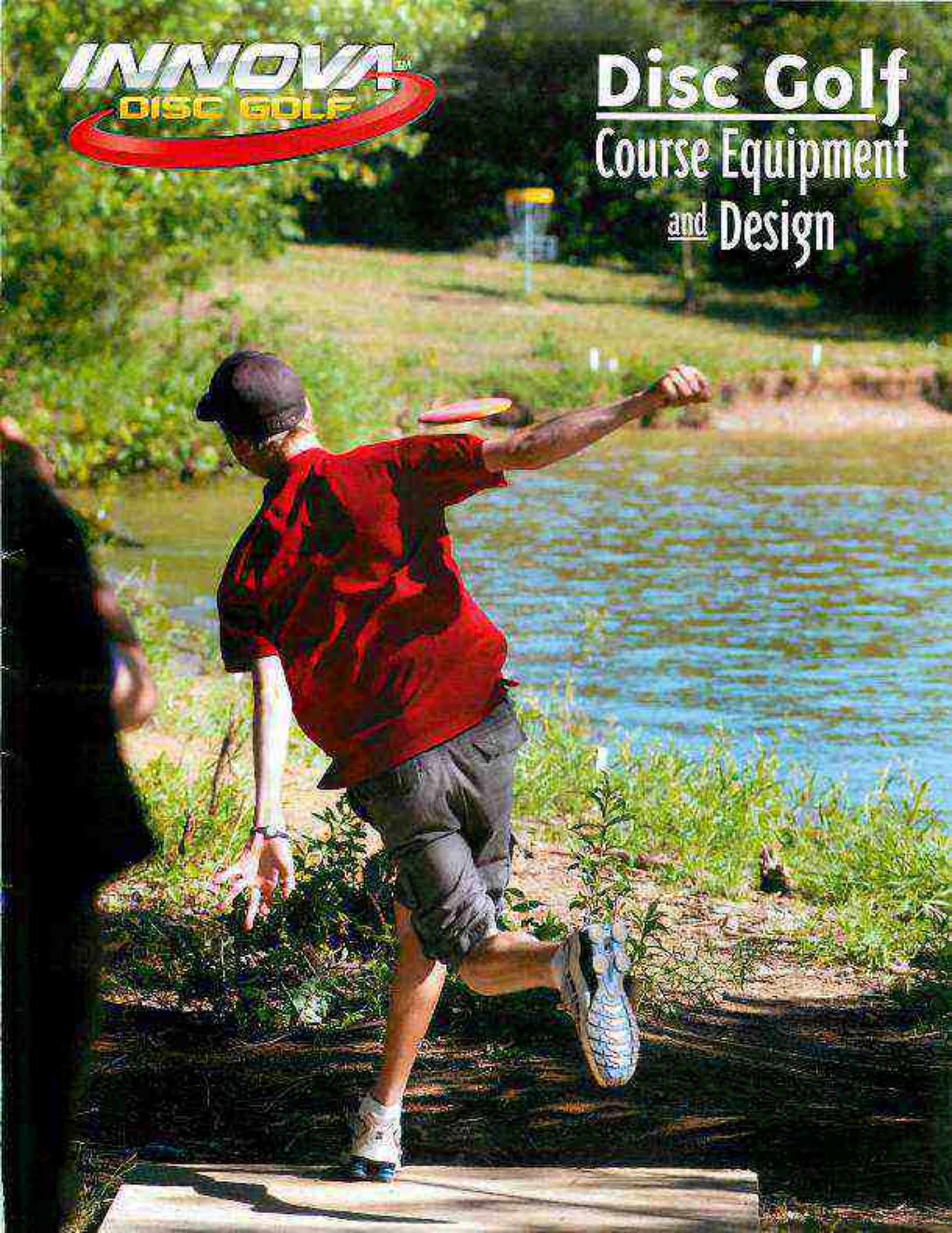






# Disc Golf

Course Equipment  
and Design





**A minute to learn.  
A lifetime to enjoy.**

## Easy as 1, 2, 3!

Disc golf is easy to understand, and fun to play. Drive, approach, putt. With a good drive, you can skip the approach. With a perfect drive, you can skip the putt, too! A hole-in-one is not rare in disc golf.

### Drive

The drive is your throw from the tee. Choose a disc, throw it toward the target. Don't be shy, let one rip!



### Approach

If your drive isn't close enough to putt, throw an approach to get to putting range.

### Putt

Finish off the hole with a putt. Getting your disc in the chains or the basket will complete the hole. Count your score and go to the next hole.





Low cost, high value.  
Disc golf is a winner.



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## Build a course!

Getting your course in the ground will take a few simple steps. Most installations do not require heavy equipment or specialized labor. In fact, most course installations are done with basic landscaping tools.

## Design

Deciding where your course will be and how the holes will play requires the most planning. Safety, fun, and variety are key.



## Install

After the design is complete, there may be work defining your fairways. Installing targets and tees will get your course ready for players to enjoy.



## Play!

Once the course is installed, you'll have years of inexpensive, low-maintenance fun for all!





## Be the Hero Who Introduces Disc Golf to Your Park

Introducing disc golf into your community offers many benefits:

### Social

- Disc golf offers many park visitors a fun, healthy way to exercise with friends and family.

### Economical

- Disc golf equipment is surprisingly inexpensive to install and maintain.

### Environmental

- Disc golf can highlight the features of your property, or utilize areas that can't support other activities.

### Programming

- Disc golf can provide year round competitive and recreational activities for your park.

### Tourism

- A well designed course draws recreational disc golfers to your town. Disc golf tournaments can also increase hotel room nights by drawing competitive players from across your region.

All this from a surprisingly affordable sport that's easy to learn and simple to install.

*"We added an 18-hole disc golf course in 1997. The sport was new, low maintenance, and offered a low cost activity for park visitors. Within the first year, our day use visitation, camping and cabin rental increased significantly. Through the sale of INNOVA discs and accessories alone, we have increased our revenue by \$15,000 per year. We now have seniors, men, women, and families who play. Disc golf is an unbelievable success story for Wall Dickey State Park."*

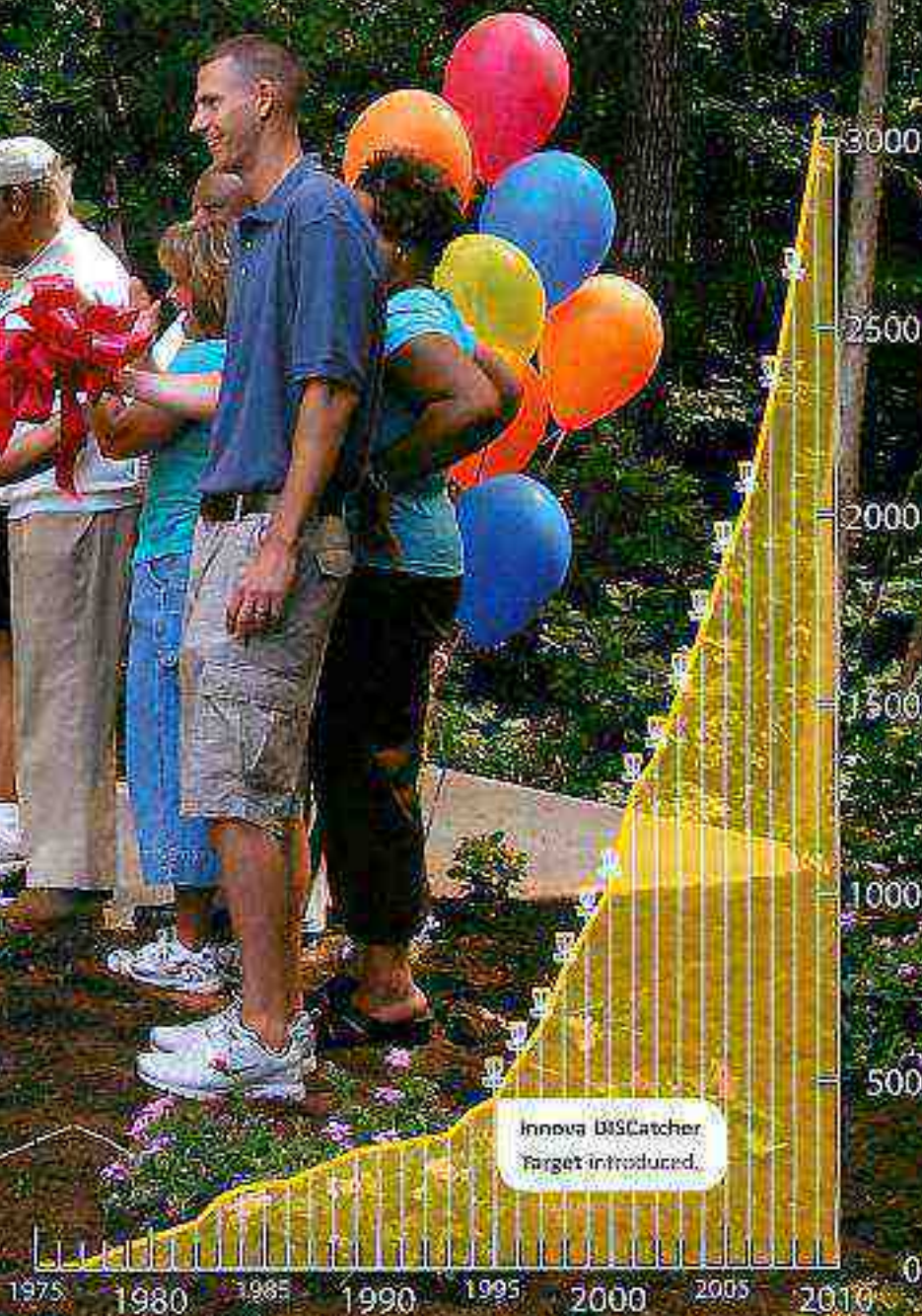
Lyle Richardson, Park Manager  
Wall Dickey State Park  
Hot Springs, Missouri





## From 500 to 3000 Courses in 15 Years

In October of 2009, the 3000th worldwide disc golf course was installed in Austria. In 1995, Innova created the Discatcher® Disc Golf Target. Since then, disc golf course growth has increased dramatically. As the graph below demonstrates, few sports can match the positive, steady growth that disc golf has enjoyed over the last three decades. The growth continues with 200 to 300 new disc golf courses each year.





## Who Plays Disc Golf?

Disc golf can offer a fun and challenging experience for a wide range of players. It can be played from school age through the golden years, making it a terrific lifetime sport. Men, women, boys, and girls all play disc golf. It's a great way to spend an afternoon at the park by yourself, with friends, or with the entire family.

Disc golf is affordable too. A golf disc can be purchased for less than \$10, and most courses are free or charge little to play. Disc golf is accessible to practically everyone.

### More popular than ever

- A top park feature among visitors and managers
- Steady growth for over 30 years
- Over 3000 courses around the world

### Great for young and old

- Easy to learn, enjoyable for a lifetime
- A great activity for families
- Seniors, the fastest growing demographic, are taking to disc golf in record numbers

### Health benefits

- A low impact activity that gets people walking
- A great way to introduce exercise into your routine
- Offers both upper and lower body conditioning
- A sport for all abilities

*"Lexington County Recreation and Aging Commission has offered disc golf at their Senior Sports Games for the past 14 years. Disc golf is great because it can be played in so many settings and by diverse skill levels, making it ideal for the older adult population."*

Mary Beth Galles,  
Lexington County Recreation and Aging Commission  
Lexington, SC





**DISCatcher**  
Disc Golf Target  
[www.innovadiscs.com](http://www.innovadiscs.com)





## Showcase the Beauty of Your Land

Disc golf can flow around your property in many ways. A course can be routed to take advantage of unique areas and features of your property. Utilizing areas that may not be well suited for other activities makes disc golf a great way to use a larger portion of your park. Disc golf expands your park's appeal.

### Highlight your park's unique terrain

- Route players to and around interesting geographical features
- Variety of terrain can create an exciting course design and boost positive feedback which should increase course visits

### The glass is half full - Opportunities

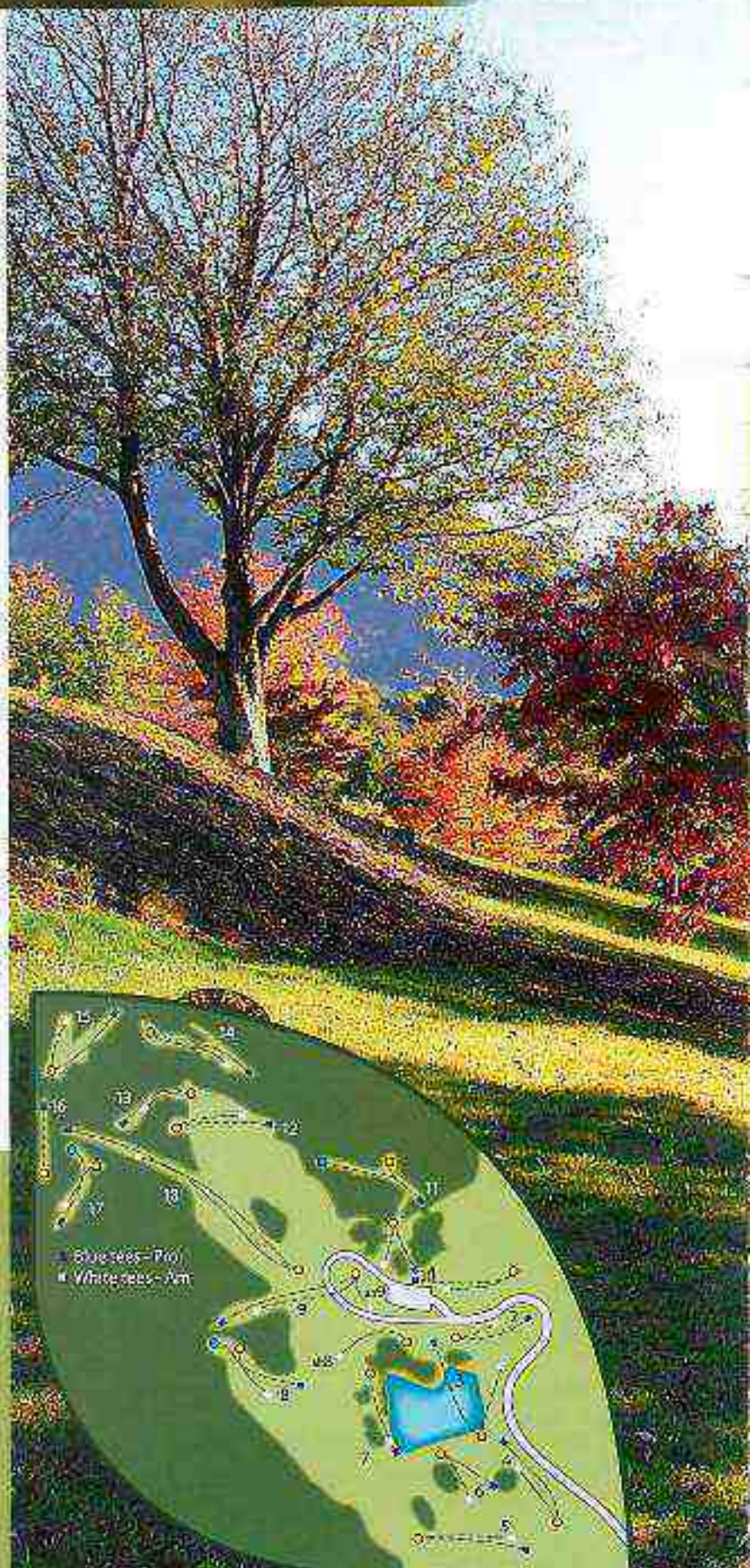
- Take advantage of under-utilized areas of the park (floodplain, wooded areas, steep slopes)
- Displace undesirable activity from an area by adding a frequent traffic stream
- Less used parks can get an attendance boost from a well designed course

### Promote your park

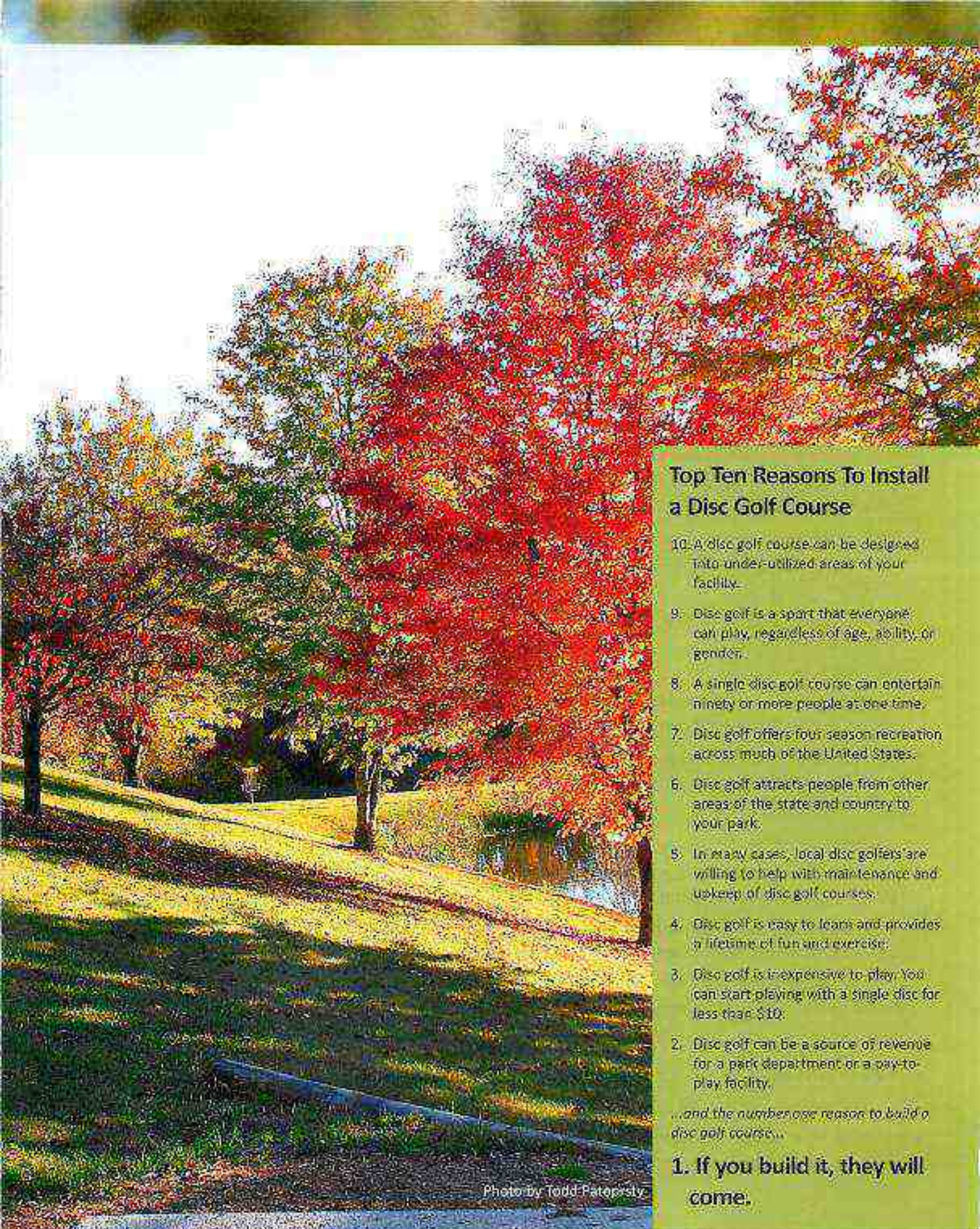
- \* List your course on disc golf course directories to draw players from near & far
- \* Host a grand opening event to publicize your new course.
- \* Run a charity event on your new course to gain positive media exposure

*"Innova Disc Golf has helped put Sgt. Jasper Park (located in Hordeeville, SC) on the map. For a minimal investment, the professionals of Innova have taken an under-utilized piece of property at our county owned park and turned it into a beautiful, adventurous playground. It has brought us visitors from up and down the East coast on a daily basis to experience the beauty and splendor of our park!"*

Johney M. Davis, Jr.  
Director  
Jasper County Georgia Parks & Recreation







## Top Ten Reasons To Install a Disc Golf Course

10. A disc golf course can be designed into under-utilized areas of your facility.
9. Disc golf is a sport that everyone can play, regardless of age, ability, or gender.
8. A single disc golf course can entertain ninety or more people at one time.
7. Disc golf offers four season recreation across much of the United States.
6. Disc golf attracts people from other areas of the state and country to your park.
5. In many cases, local disc golfers are willing to help with maintenance and upkeep of disc golf courses.
4. Disc golf is easy to learn and provides a lifetime of fun and exercise.
3. Disc golf is inexpensive to play. You can start playing with a single disc for less than \$10.
2. Disc golf can be a source of revenue for a park department or a pay-to-play facility.

...and the number one reason to build a disc golf course...

**1. If you build it, they will come.**

Photo by Todd Patopolsky



## Disc Golf Can Fit Into Your Master Plan

Disc golf offers park and facility planners a flexible option to expand recreational sports to their patrons. Disc golf is an excellent option for an off-season activity. The lack of expensive equipment makes disc golf a great fit for rentals and sales on-site.

### Mountain Resorts

- Mountain resorts have discovered disc golf as great addition to attract visitors during the warmer months
- Use chair lifts to increase revenue and create a unique disc golf experience

### Private Pay-to-play Courses and Campgrounds

- With enough land, you can build disc golf courses limited only by your imagination
- Pay-to-play can be successful in areas without disc golf, and in areas with busy courses
- Run tournaments, leagues and series to increase player turnout

### Golf Courses

- Disc golf can increase greens fees at golf courses, especially at Par 3 courses
- A strategically designed dual golf/disc golf course can give players the option to play golf or disc golf, together

### College Campuses

- Provide low cost recreation for all students to access. Sell discs in the campus bookstore
- Solicit help from on-campus organizations to raise funds and help with course installation
- Form a collegiate disc golf team, compete in the Collegiate Disc Golf Championships

### Summer Camps and Retreats

- Disc golf can exist alongside other activities
- Disc golf teaches self control and etiquette
- For those who are not interested in team sports, disc golf is a great option





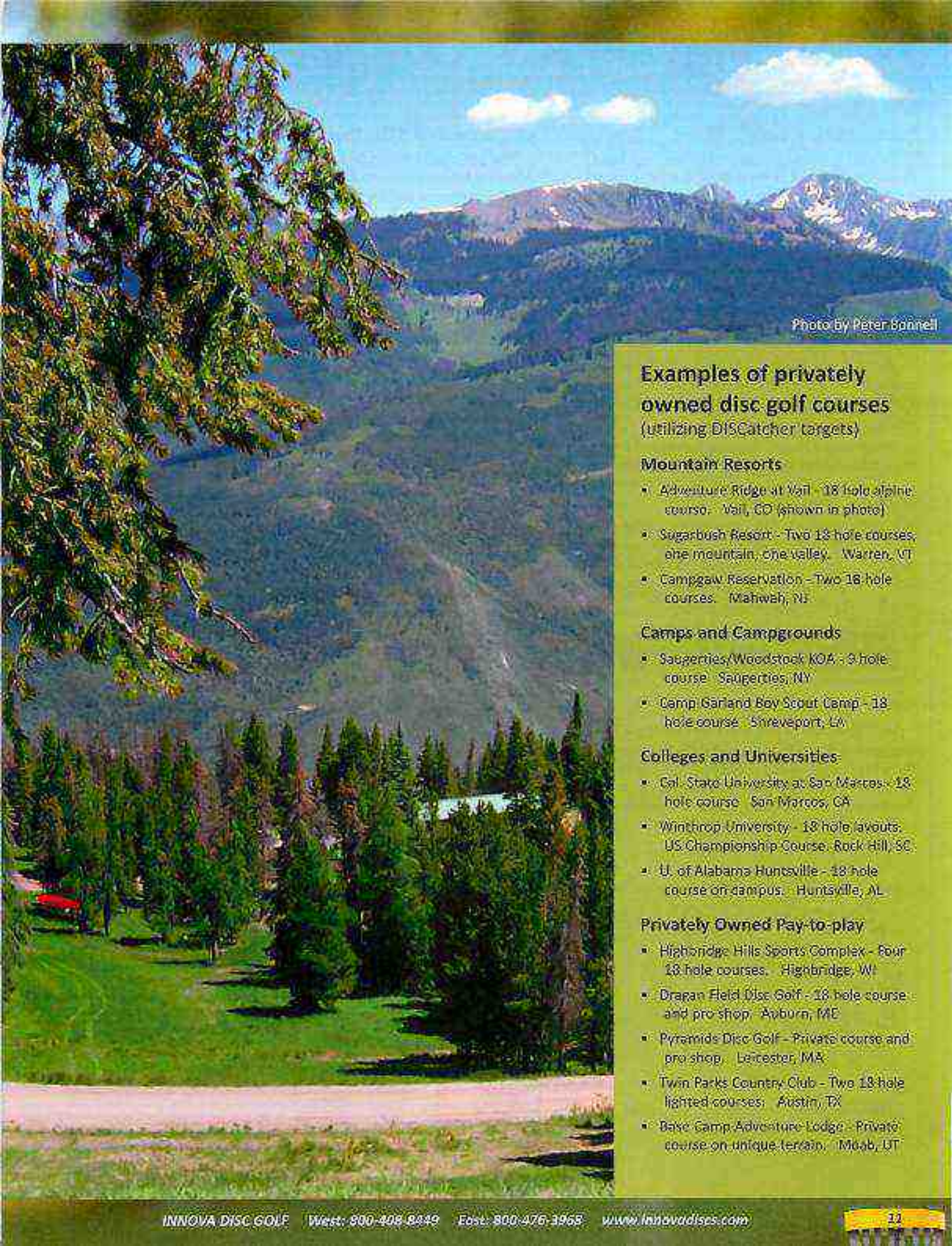


Photo By Peter Bonnell

## Examples of privately owned disc golf courses (utilizing DISCatcher targets)

### Mountain Resorts

- Adventure Ridge at Vail - 18 hole alpine course. Vail, CO (shown in photo)
- Sugarbush Resort - Two 18 hole courses, one mountain, one valley. Warren, VT
- Campgaw Reservation - Two 18 hole courses. Mahwah, NJ

### Camps and Campgrounds

- Saugerties/Woodstock KOA - 9 hole course. Saugerties, NY
- Camp Garland Boy Scout Camp - 18 hole course. Shreveport, LA

### Colleges and Universities

- Cal. State University at San Marcos - 18 hole course. San Marcos, CA
- Winthrop University - 18 hole, layouts, US Championship Course. Rock Hill, SC
- U. of Alabama Huntsville - 18 hole course on campus. Huntsville, AL

### Privately Owned Pay-to-play

- Highridge Hills Sports Complex - Four 18 hole courses. Highridge, WI
- Dragan Field Disc Golf - 18 hole course and pro shop. Auburn, ME
- Pyramids Disc Golf - Private course and pro shop. Leicester, MA
- Twin Parks Country Club - Two 18 hole lighted courses. Austin, TX
- Base Camp Adventure Lodge - Private course on unique terrain. Moab, UT



## Activities For Your Course

### Recreational Disc Golf

Park departments across the country have been pleasantly surprised at the level of enthusiasm shown by most disc golf clubs. Many clubs engage in park clean up, course maintenance, and charity work related to their local events. Weekly and monthly singles and doubles tournaments bring golfers out to the course to challenge their fellow players. Hosting handicap based competitions is a great way to provide beginners, amateurs, and pros a way to compete fairly against one another.

### Weekly Leagues

Weekly league events will increase traffic to your course. If you schedule weekly league play events, with a set day and time, the word will spread and your course attendance should grow.

Offering local players a league format can create a more cohesive disc golf community. Many clubs run a singles league as well as a doubles league to offer a format that everyone can enjoy.

Disc Golf United (DGU) offers online league management services that provide everything you need to run a successful league. Visit [discgolfunited.com](http://discgolfunited.com) or call 1-800-476-3968 for complete details on how to increase weekly play at your facility.

# DISC GOLF U™

### Youth Programs – EDGE

EDGE (Educational Disc Golf Experience) is a non-profit organization dedicated to bringing disc golf to youth. If you are interested in a youth activity for summer programs or after school activities, EDGE can provide all the materials and equipment needed to introduce disc golf to the youth in your community.



For information visit the EDGE web site or call:

Web site: [www.edgediscgolf.org](http://www.edgediscgolf.org)

Phone: 866-391-3343

### Charity Events and Community Events

Disc golf charity events provide a heart-warming opportunity for disc golfers to give back to their community. They can generate positive media exposure for your park.

The Ice Bowl charity series in the winter promotes hunger awareness. Money and food donations support local charity organizations, especially food banks.

Disc golf has been incorporated into numerous state games, senior games, and Special Olympics. Competitors who haven't tried disc golf can easily learn and participate in disc golf with their fellow competitors.

### Tournament play

Disc golf tournaments can draw players from your local area and beyond to experience your course and your hospitality. Events range from a single round to multi-day events with all age and skill levels. It's common for players to travel 2-6 hours each way for a weekend tournament, while one day events may draw players from a more local region.

Many events are run by local clubs and organizations. If you are interested in hosting a tournament at your disc golf course, check with the local club to find qualified volunteers who have experience running events. Events can be run in cooperation with your park department and can be used to increase awareness of the disc golf course or to target youth and/or family groups.

Whether it is a local league or a charity event, INNOVA stands ready to share its expertise and promotional tools to help your local disc golf program thrive.





### Sports Tourism

Disc golf tournaments range from small local events to major events drawing players from around the nation and world. A single course can easily accommodate up to 90 players for a tournament. Add a course, and that number doubles. The largest events can host as many as 1,000 players over 8-12 area courses. A disc golf tournament can nicely boost your area's tourism during an event.

Bowling Green, Kentucky has built 10 disc golf courses in their park system. They host an amateur disc golf tournament each year with 500-900 players. As an area installs more courses, the possibilities for bigger events, and the economic impact that comes with it, multiplies.

### Professional Disc Golf Association

Founded in 1976, the Professional Disc Golf Association is a non-profit organization dedicated to promotion of the sport of disc golf worldwide. Its 45,000 plus members live and play in more than twenty countries on five continents.

**PDGA**



PROFESSIONAL  
DISC GOLF  
ASSOCIATION

The PDGA is the governing body for the sport. The PDGA maintains the rules of play, equipment specifications, maintains an interactive website, provides members with a full-color magazine called *DiscGolfer*, and is a source of information about the sport.

Every year the PDGA sanctions competitions for professional and amateur players. More than 1,200 PDGA tournaments are held around the world annually.

As more people discover disc golf, more players are attracted to competitive events. The demand for more PDGA sanctioned events is continually growing.

#### Benefits of joining the PDGA

- Over 10000 current members to compete against
- Over 1200 yearly events to attend worldwide
- A current skill rating based on tournament play
- Save on entry fees at every PDGA tournament
- Yearly subscription to *DiscGolfer* magazine
- PDGA message board posting privileges - get answers to your questions from the pros

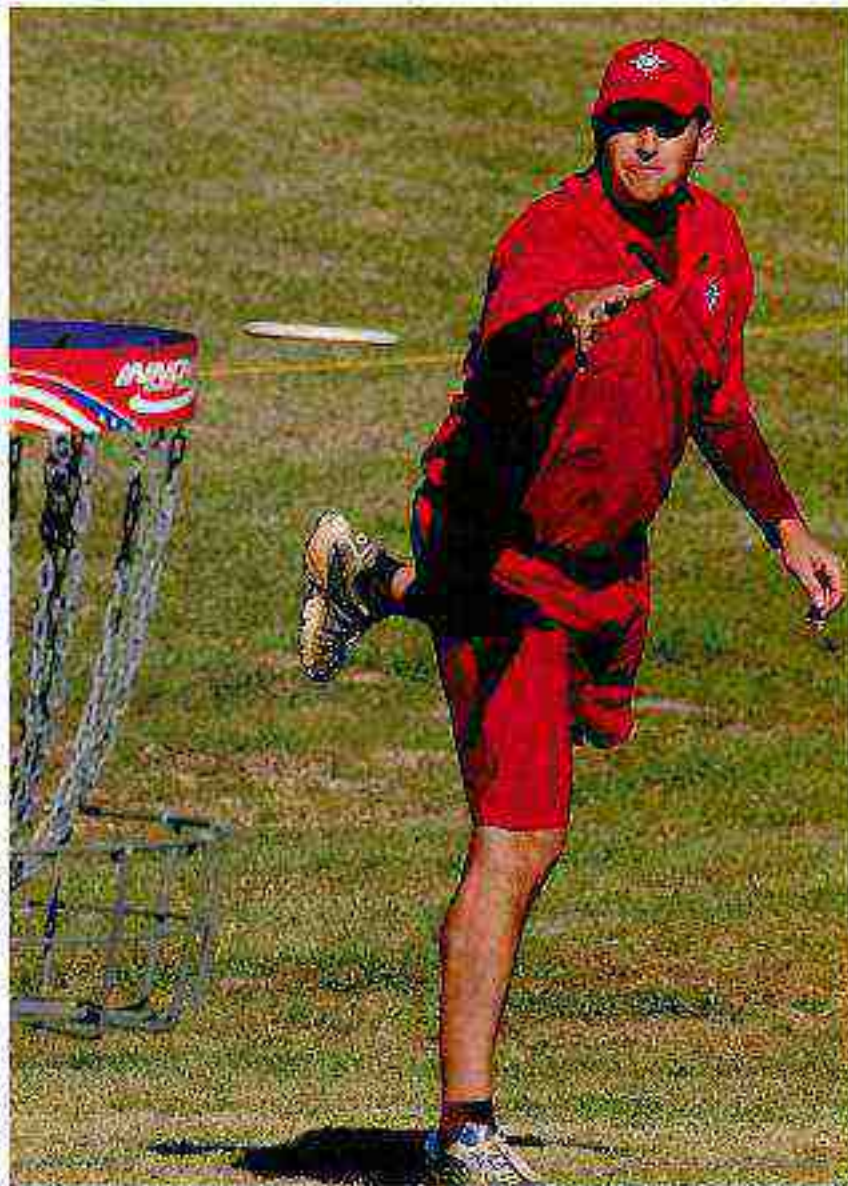
For information visit the PDGA web site or send an E-mail:

Professional Disc Golf Association

E-mail: [office@pdga.com](mailto:office@pdga.com)

Web site: [www.pdga.com](http://www.pdga.com)

Top professional, Brian Schweberger shows good form at the US Disc Golf Championship in 2007.



PDGA events offer divisions for all ages from juniors on up - these legends are over 70!



Amateur Legends World Champion, Robert Jason puts #1 2010 Am World



## The Importance of Good Course Design

Course design is the most important phase in constructing a successful disc golf facility. A well-designed course will benefit players, the environment, and your attendance record. It's not just about making the holes play well. An experienced course designer will take into account the many other factors that are important in creating a successful, well-received disc golf course.

### Extracting the most from your land

- Route players to and around interesting geographical features
- Variety of terrain can create an exciting course design and boost positive feedback which increases repeat visits

### The glass is half full - Opportunities


- Make the most of areas that may be under-utilized (floodplain, wooded areas, steep slopes)
- Displace undesirable activity from an area by adding a frequent stream of foot traffic
- Less used parks can get an attendance boost from a well-designed course

### Build excitement, emphasize fun, reduce trouble

- Plan exciting holes when possible
- Make it challenging, not frustrating to play
- Identify problems and route around them








A well designed course  
will have a mix of holes  
requiring a variety of shots.

A well placed target adds  
challenge to a hole, while  
making it memorable.

photo inset



A sizable, level, well textured  
tee provides a great throwing  
surface for all.

©2001 Pro Masters World Champion, Joe Mels at 4th Bridge Hills Golf Complex in Wisconsin



# Course Design: Maximize Your Investment

## Course Design - The best money you can spend on a disc golf course

Designing a disc golf course can be a daunting task. While finding a good flow, negotiating obstacles, creating intriguing holes, and designing a fair course are important, safety should always be the top priority. Getting the most pleasing and safe (to both players and park users) course requires careful planning. A good course designer weighs all these factors and more in the process of designing a course.

## Why Good Design Is Important:

Good design is valuable. It improves both sides of the disc golf ledger. Well designed courses deliver more recreational benefits – they tend to be played more, and those rounds are enjoyed more by the players. From the cost side of the ledger, good design tends to reduce expenses. A good designer creates with the mind set of a steward – working with what occurs naturally and considering maintenance and sustainability down the road.

## How many holes should we design?

One thing we know for certain, 18 hole courses are almost always more successful than 9 hole courses. For many of the same reasons that not a lot of golf courses are 9 holes, disc golf tends to thrive in an 18 hole configuration. If you have room for an 18 hole course, people will travel farther to visit your park than if you have 9. If you only have room for 9 holes, consider multiple tees to maximize your investment. A good course designer can help you in making a decision on how large and where to best install your disc golf course.



*"Innova has provided me with the valuable support necessary to ensure the success of my Disc Golf projects here in the Augusta area. The expertise of their staff is unmatched and they continually set the standards for excellence in the sport. I would highly recommend Innova to anyone interested in Disc Golf course development."*

Brian Graham  
Executive Director — PBGA

Hole 1 at Winthrop University's Gold Course



## Good Course Design Should Take Into Account Several Factors.

### Safety –

- A well-designed course places a premium on safety for players and other park visitors.
- Don't throw towards paths if possible. Design holes to play away from active areas.
- Fairways should never criss-cross.
- Never play toward playgrounds.

### Fairness –

- A fair course rewards good throws, punishes bad throws, and provides varying degrees of success for throws in between.
- Good course design doesn't accentuate the element of chance.
- Placing targets too close to out-of-bounds areas can punish good throws and lead to frustrated players.
- Tunnel shots reward accuracy, but should leave room for good recovery shots for those who don't execute the drive.

### Balance –

- A well-balanced course will have a mix of long and short, open and tight, left, right and straight fairways.
- Remember that players are both right and left handed, and throw backhand and forehand.
- Try not to string together holes that require the same shot over and over.

### Variety –

- The course should require a wide variety of different skills (shots) to avoid obstacles, to negotiate terrain challenges and to score well.
- Route players up, down and across terrain: fix wide open holes with tighter fairways. Place baskets to the left, right and center of the fairway.
- More variety means players become well rounded playing your course.

### Strategy –

- The design should cause players to put a premium on correct shot selection and placement.
- A par four hole adds more strategy than a par three.
- Save some strategic choices for your last four holes, where heated contests can be won.

### Character –

- Course design should highlight the special features and inherent beauty of the land itself.
- Find a unique obstacle, tree, or land feature and create a great hole around it.
- A string of holes that utilize a unique aspect to your course can make it memorable.
- Emphasize the local flora on your course if possible.



"The best designs feature distinctive holes and innovative layouts that are scenic and fair. But the bottom line is the playing experience: it must include shot-making options, opportunities for risk management, and the need for a variety of shots... and it has to be enough fun to keep players coming back."

– John Hawk, designer of the W. R. Jackson Memorial course at the International Disc Golf Center in Appling, GA

"A good course designer has detailed knowledge of the flight patterns of modern discs, keeps up with trends in course design, and is familiar with top courses around the world."

– Harold Duvall, designer of more than 30 courses, including the famous Winthrop Gold Course, home of the US Disc Golf Championship





# Course Equipment: DISCatcher® PRO Targets

## DISCatcher® PRO Targets

The most obviously unique part of a disc golf course is the target. In the early days of disc golf, trees, light poles, and trash cans were designated as targets. The DISCatcher® PRO represents the state of the art in disc golf target technology.

The INNOVA DISCatcher PRO is the best catching and most visible disc golf target. The DISCatcher PRO is a favorite of parks departments and course professionals — in 2009 over 200 new courses were installed using DISCatcher PRO targets. The bright yellow band improves visibility from the tee and also distinguishes the disc golf course to other park visitors.



## DISCatcher® PRO Benefits

### HIGH VISIBILITY TARGET TOP

Our yellow powder coated target top makes the Innova DISCatcher® PRO highly visible. All stainless steel construction makes it long-lasting and low maintenance.

### BUILT TO LAST

Hot-dip galvanized basket, pipe and chains allow our targets to weather the elements for years. Our target tops are made entirely from stainless steel.

### LAYERED CHAINS CATCH BETTER

12 outer chains grab your disc, while 12 more inner chains buffer and slow the disc. This makes the DISCatcher® a favorite target of players.

### INSTALLATION TUBES INCLUDED

Don't pay extra! DISCatcher PRO permanent target prices include locking collars and installation tubes.

### PDGA APPROVED

DISCatcher PRO permanent and portable models have received Championship certification by the PDGA. It is ideal for all levels of tournament play.

## Custom Color Targets

Is your course in need of a blast of new color? Does your school want a disc golf course that matches the team's colors? Maybe you want multiple pin placements on your course all the time. You now have the power to customize!

The custom color DISCatcher is now available in a multitude of colors. Please contact INNOVA for more information and pricing.



## Extra Installation Tubes:

If you have multiple course layouts, you'll need additional pin placements. Install a tube for each target location and you can easily switch positions to alter your course. Multiple pin placements give players variety and reduce wear from foot traffic around the target.

\$25 per additional installation Tube

Quantity	Pricing	Shipped Weight	Approx. Freight
1 DISCatcher® PRO target	\$375.00	72 pounds	\$40
9 DISCatcher® PRO targets	\$2700.00	650 pounds	\$165-350
18 DISCatcher® PRO targets	\$5400.00	1300 pounds	\$350-550





**DISCatcher**  
DISC GOLF TARGET®



# Our Disc Golf Course Packages

## Innova Disc Golf Course Packages

The easiest way to select your course equipment is to order one of our pre-configured Innova Disc Golf Course packages. Our packages contain the special items needed to get your course in the ground.

Our course packages include: Innova DISCatcher® PRO Permanent Targets, installation tubes for ground installation, INNOsign tee signs, and a rules sign to explain how to play disc golf.

Each target comes complete with everything needed (except your padlock). Completely assembled chain rack, basket, center post with locking collar, and ground installation tube. The DISCatcher® is approved for play in all Professional Disc Golf Association events.

The New INNOsign Tee Sign includes our molded sign frame, UV treated printed sign on sturdy .080" aluminum backing, Lexan® cover and mounting hardware. Signs show hole number, distance(s) and par. These signs are included in our course package; premium signs are available as an upgrade (see facing page).

The final piece is the recreational rules sign which introduces players to six basic rules to play by, allowing for safe, fair, and enjoyable rounds.

In addition to our course package, you'll need to supply: locks for your DISCatchers (we recommend a set of matching locks), sign post, and concrete for target and sign installation. All of these are easily obtained at local home stores.



Tee Sign

Rules Sign

## INNOsign Tee Signs

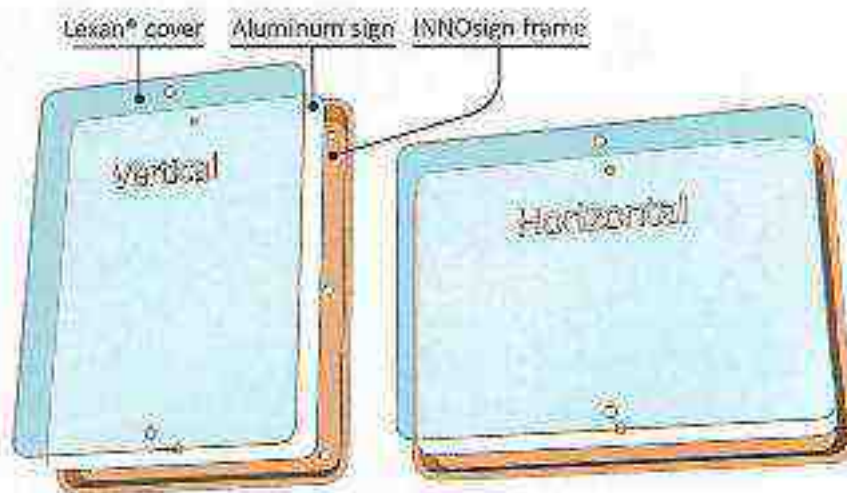
The new INNOsign Tee Sign was designed for value and simplicity. We make the frames in our own factory and custom print each sign with your detailed specs, hole number, distance, and par. Each has a protective Lexan® sheet and aluminum printed sign. They are supplied with hardware to mount them to wooden posts. We recommend treated 4x4 fence posts.

## Innova Disc Golf Course Pricing†

Course Size	9-Hole	18-Hole
DISCatcher® PRO Targets	\$2700	\$5400
INNOsign Tee Signs	\$360	\$720
Rules Sign	\$40	\$40
Freight (estimated) *	\$400*	\$800*
Equipment Total	\$3500	\$6960

† Prices subject to change. Please call for most up to date prices.

\* Freight pricing is estimated. Please call for specific freight quotes.



INNOsigns can be designed and mounted vertically or horizontally.



## HouckDesign Course Signs

Nice tee signs increase the player experience. Great looking tee signs can pay for themselves through strategic sponsorship. Individual tee signs keep throwers on target and aware of hazards and safety issues. Visiting players will have a better experience on your course. Overview and Rules signs educate players and visitors about safety and proper play.

We've partnered with HouckDesign to offer the best signs available to give your disc golf course a professional and personal touch.

### All Signs feature:

- UV-resistant inks
- UV- and graffiti-resistant coating
- 0.08" aluminum sign base

## HouckDesign Tee Signs

### Gold Level

9" by 12"

Call for pricing

- Aluminum sign with full-color enhanced map features, including fairway shape and water
- Pre-drilled strong 1/8" aluminum frame with Loxon® easily attaches to 2 3/8" standard fence pole or 4x4 post (ones pre-drilled, assembled with galvanized nuts and bolts)
- Accommodates up to two full-color logos for your city, parks department, course, club, or sponsor. Great for fund raising!



### Platinum Level

12" by 18"

Call for pricing

- The ultimate in full-color detailed map graphics, including trees, water, out of bounds, mandatories, drop zones, safety & property hazards, roads, and elevation.
- Accommodates up to three full-color logos for your city, parks department, course, club, or sponsor. Great for fund raising!
- Pre-drilled strong 1/8" aluminum frame with Loxon® easily attaches to 2 3/8" standard fence pole or 4x4 post (comes pre-drilled), assembled with galvanized nuts and bolts

# HouckDesign.com

## HouckDesign Course Signs

### Overview

24" by 36"

Call for pricing

- Map shows course flow, landmarks, restrictions, safety hazards, roads, and custom graphics that include course logo matching for city, club, facility, or school
- Information for players to navigate the course and get quick reference distance and pars for each hole
- Add up to 12 permanent sponsor logos. Great for fund raising! The sign and course overview advertising alone can bring in enough money to pay for your whole course!

### Rules & Safety

12" by 18"

Call for pricing

- Provide essential universal and local safety and courtesy information
- General rules for disc golf
- Full-color layout and graphics
- Logos for course, club, or facility

### Additional Course Signs

5" by 10"

Call for pricing

- Clarify hole specific rules
- Individual signs for alternate tee
- Course navigation
- Define mandatory route



For up-to-date pricing and options, call 830-833-1227



## Planning Notes

### Planning your Budget

Disc golf course designs are very flexible. The scope of your project, target audience, and your imagination all play an important role in defining the "personality" of your course. A simple 9-hole course can be built on as little as two acres for around \$3000. You can expect to utilize one to two acres per hole for a championship caliber course.

Disc golf courses can be installed in phases and upgraded over time. Concrete tees, benches, trash cans, practice targets, alternate pin placements, and bridges are all features that can be added after your course is first established.

### Design

Investing in a course designer can be the best investment you make in your disc golf course. Look to spend between \$100 and \$300 per hole for a designer's services. This will usually include marking tees and target positions, flagging trees for removal, and sketched out maps of the course and individual holes with appropriate par for the course. The cost is a bargain over the life of a well designed course.

### Targets

Targets are the most important piece of equipment for your course. Innova targets are highly visible, good-looking, great catching and long-lasting. The DISCatcher® PRO is approved by the Professional Disc Golf Association.

### Tees

Tees provide a surface from which disc golfers "tee off". Tees should be as maintenance-free and slip-resistant as possible. Choose a tee—natural, artificial, or concrete—that suits the needs of your course and budget. Innova can recommend options and provide instructions.

### Signs

Tee signs provide information such as the par, distance, routing, and any obstacles for the hole. There is a tee sign option to fit every budget.

### Materials and Expenses

Don't forget to budget for additional items such as bags of concrete, locks, weed-killer, wood for tee forms, gas for power equipment, and even chainsaw blades. Budget more time and effort for wooded holes that require tree cutting and clearing. Open holes should require much less preparation.





As the Disc Golf Experts, Innova can help you maximize your disc golf fun and revenue.

## On-site Merchandise Sales and Concessions

Busy courses with on-site concession facilities can enjoy annual sales of \$50,000 or more from golf discs and accessories alone. Snack and beverage concessions can generate considerable additional revenue. Parks that already have on-site personnel or concession operations can easily begin sales of golf discs. Facilities with on-site tennis pro shops or traditional golf pro shops can add a complete line of golf discs and merchandise with a minimal investment. Another option is to contract with a private operator to set up a full line pro shop. This can generate revenue through leasing payments and/or a share in the revenues from sales and pay to play fees. INNOVA offers a complete line of golf discs, equipment, accessories and apparel. Call for complete details on how to offer disc golf merchandise sales at your facility.

## Organized Events

You can increase awareness of disc golf in your community and generate revenue through organized events. Custom disc sales with event information and custom artwork can help generate additional revenue for events.

## Custom Disc Sales

Provide an extra boost to on-site sales with the addition of custom stamped discs and mini markers. We can hot stamp your logo or artwork on your choice of golf discs. We can also place full color artwork on select disc models. Many players enjoy purchasing custom discs as souvenir reminders of your disc golf course. Call for complete information, disc model availability and pricing.



Request a copy of our product catalog to find out all the cool things Innova offers to make disc golf more fun!



A Disc Golf Pro Shop will make your course an attraction for local and regional players. With disc prices starting at just \$8, players will be willing to purchase golf discs regularly. Some items INNOVA can supply your Pro Shop:

- Golf Discs — Putters, Mid Range, and Drivers. A wide variety is available for beginner to professional level players.
- Disc Golf Bags — Specially designed bags for organizing and toting discs and gear.
- Apparel — shirts, hats, towels.
- Practice Targets.
- Rules Books, DVDs, Accessories.





# DISCatcher® Pin Placement Installation

## Installation Overview

Before you can set the targets in the ground, you will need to set an installation tube in the ground for each target location. It is important to install each installation tube straight and at a proper height. The following will walk you through the proper process.

## Digging the Holes for Each Pin

Using a posthole digger or an auger, dig holes approximately 24 inches deep and 8-10 inches in diameter. Dig straight down, allowing room for alignment.

## Installing the Pin Placement

**1. Tape the bottom of the tube.** This prevents any concrete from seeping into the tube. Concrete in the pipe will prevent the pole from sliding all the way down into the tube.

**2. Position tube in the hole.** The locking tab should be level with or an inch below grade. Set the tube down in the hole, align the locking tab so that it points towards the tee or last bend in the fairway (so the number on the target will face players as they walk down the fairway). Give enough space to place a lock on the locking tab.

**3. Slide the DISCatcher® pole into the tube.** Make sure the locking tab is attached. The pole will prevent any concrete from getting into the tube, and make it very easy to align the tube to sit straight.

**4. Pour in mixed concrete.** Pour in concrete to fill all but the top 3-4 inches. You'll need room for the lock to hang.

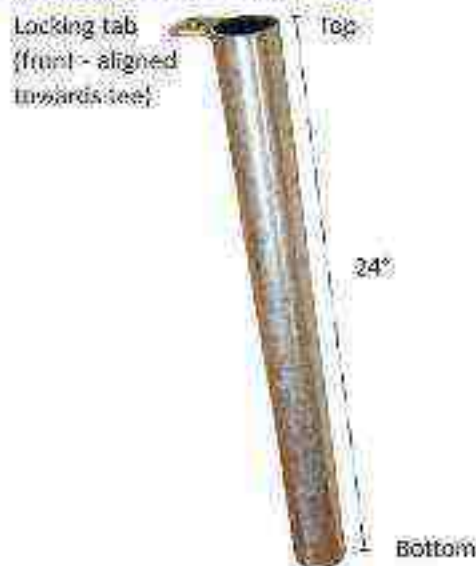
**5. Triple check that it's plumb.** Stick a level against the pole, and move the pole until the bubble is centered. Move the level 1/4 of the way around the pole to measure straightness on the other plane. Double check that the tab is facing the tee or center of the fairway.

Once the pipe is plumb, remove the DISCatcher® pole carefully. Wipe any excess concrete from the locking tab.

Do not install targets for at least 24 hours. The concrete needs about a day to set. Allow for more time in wet weather.

**Install with sprinkler valve box.** If you are installing sprinkler valve housings, set pole height one inch below grade. This allows for the sprinkler box to be flush with the ground. Press sprinkler box into poured concrete after you've squared up the pole. Make sure you have room to install the lock.

## Installation Tube Terminology

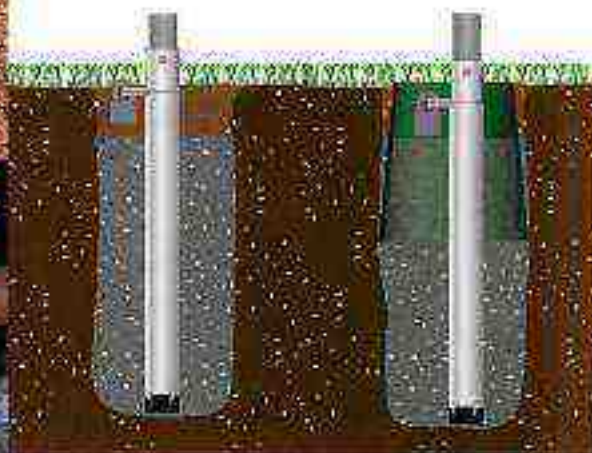


## Parts Needed to Install Tube:

- One installation tube per pin placement
- One DISCatcher® pipe with locking tab installed
- Optional: 6" sprinkler valve box

## Tools/Supplies You Will Need:

- Posthole digger or auger with 8" bit
- Magnetic level or long carpenter's level
- Duct tape (to seal the bottom of the tube)
- 60-80 pounds of concrete per pin placement
- A long spade AKA "sharp shooter"



Regular install

Sprinkler box install



## The Importance of Good Tees

Each disc golf hole begins from a tee. A safe, consistent tee surface will improve the appeal of your course. Tees can be as simple as a pair of painted rocks to designate the teeing area. While some courses have natural tees, the preferred tee is a textured slab of concrete.

## Concrete Tees

Concrete tees with a coarse finish provide an ideal throwing surface. They are virtually maintenance free. Properly installed concrete tees can last for decades. A firm, level, slip-free surface is ideal for long power drives. Concrete tees are the most maintenance free, long lasting tee surfaces. For permanent courses, concrete is the logical choice to provide a consistent maintenance-free surface for years to come.



Three-time Women's World Champion, Valerie Jenkins drives on a concrete tee at Nighthide Hills.

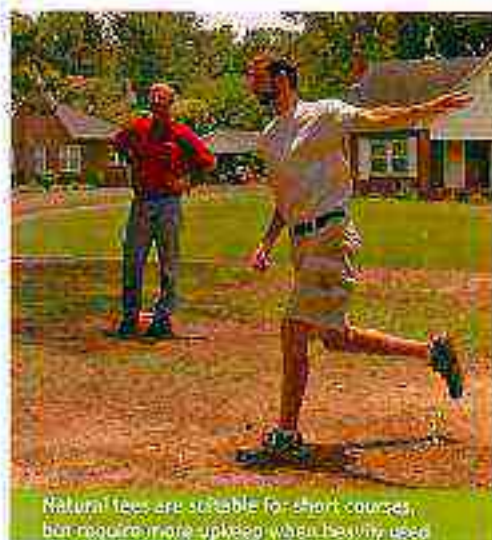


INNOVA Tee Markers

## Natural Tees

Natural tees are the easiest to install, and cost little. With time, however, natural tees can wear if not maintained. Natural tees work best in dry climates and sandy soils. Areas that receive a lot of rain or have loose soil should consider concrete. Natural tees allow time to determine if a hole design is ideal before permanent tees are installed.

We now offer plastic INNOVA Tee Markers in a variety of colors. These discs feature a unique vandal resistant 12" spike through the center. Mark various tees with different color markers. \$20 per pair.

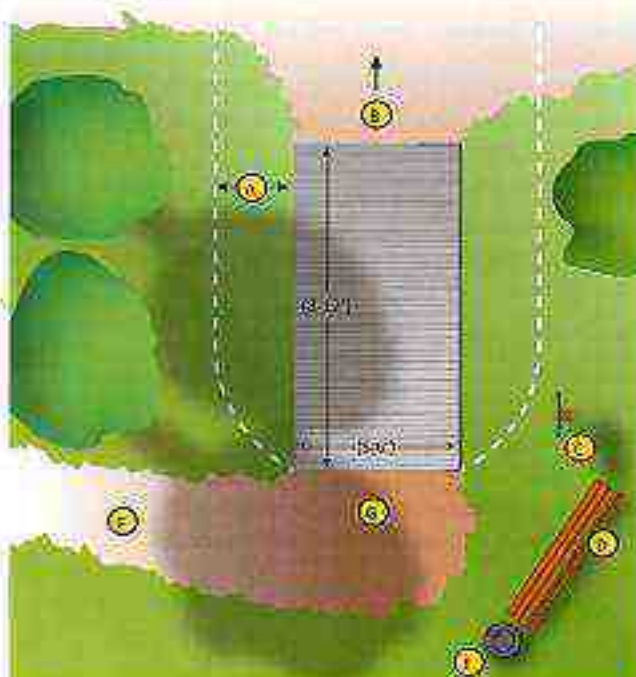


Natural tees are suitable for short courses, but require more upkeep when heavily used.

## Proper Tee Design and Construction

Tees should always be as level as possible, not sloping more than 1/2 inch per linear foot, or no more than 6" from front to back of a 12 foot tee. Tees should also be level from side to side, and should not slope off sharply in front of the pad. Ideally, the pad is on flat level ground with three feet of flat level space in front and to the sides, and six feet to the rear for those who like to approach the pad with some momentum. Edges of the pad should not drop off sharply, especially on long open holes which may require a follow through. Properly installed tees will increase enjoyment and safety on your course.

## Tee Area Layout



A: Minimum distance from edge of tee to an obstacle (tree, fence) providing a clear release when throwing.

B: Area in front of the tee should be a smooth transition to facilitate a smooth and complete follow-through.

C: Tee sign should face player approaching tee from previous hole. The tee sign should be visible from the tee.

D: Bench (if installed) should be behind the tee. Not too close as some players use a longer "ramp-up" when they throw discs.

E: Trash cans will minimize litter.

F: Path to hole should be behind tee.

G: Run-up area.



# Tee Installation

## Installing Tee Pads:

One of the most important components to a well designed disc golf course is the tee. The tee usually consists of a flat, level area about five to six feet wide by eight to fifteen feet long. Unlike golf, where players are stationary during the drive, disc golf drives can utilize a walk up or run-up to generate more distance. Creating a flat, textured, level area for players to throw from will make your course more appealing to new and experienced players alike.

Concrete tees represent the professional standard for disc golf. They require little maintenance when installed correctly. With the right tools, you can create a textured surface that allows players sure footing in most weather conditions. Concrete tees require some preparation to install, but the investment in labor and materials produces a superior tee surface preferred by a wide range of players.

## Concrete Tee Pad Installation

### Prior to Tee Pouring:

1. Your tee area should be as level as possible. Grading the ground for the tee will create the most stable surface. A level tee provides players with a consistent surface to throw from.
2. Flag out the corners of your tee. The tee should be square with the center of the fairway, not necessarily the target. The tee should be between five and six feet wide, and eight to fifteen feet long. You can conserve with smaller pads (5'x8') on short wooded holes, but many players appreciate larger tees (6'x12') on longer, more open holes.
3. Dig out the rectangle that designates your tee area. Create a three-inch deep base dug out of the ground. The base should allow you to frame with 2x4s and be just above the surface of the ground. This prevents the tee from being washed over during heavy rain.
4. Stake down the edges of the outer frame and use deck screws to secure the corners together. Check for level at the ground plane. Add or subtract under the frame to create a level square tee area. Backfill under the frame to prevent concrete from leaving the form during tee pouring.
5. Optional but recommended: In heavy use areas, it may be pertinent to lay down a section of reinforcing wire mesh or rebar to strengthen the pad and prevent cracking from vehicle traffic.

### An Easy Tee Solution:

This design uses three twelve foot long 2x4s per hole. One each for the sides, cut the third in half and it becomes the front and back. Size becomes approximately six feet wide by almost twelve feet long. This setup takes approximately .8 cubic yards of concrete per pad.



A prepared crew of workers makes tee construction easy.



A level base is best for sure footing. 4" or slightly above grade is ideal.



Frame is ready for concrete.



Use wheelbarrows to transport concrete to tees in remote areas.



Once enough concrete is in the form, use 2x4 to screed, filling all areas.





As you screed, you may need to fill in low areas with excess concrete.



Flatten the concrete to force rocks down. It will help with texturing.

## Day of Tee Pouring:

1. Have the proper tools and a crew of workers: Concrete sets quickly, so it's better to have more people come, even if they end up standing around. Gravel rakes, shovels, a 2x4 two feet wider than the tee width as a screed, a trowel, a concrete float, wheel barrows, tee texturing tool (see inset). A large labor force can install a lot of tees in a short amount of time. With enough wheelbarrows and shovels and rakes, eighteen tees can be poured in about four hours.

2. Organize into teams. One well prepped person per team and a few laborers to move concrete. Pour concrete into form until just slightly overfull. Use rakes to compress concrete in corners and remove air. Rest the 2x4 across the front of the tee. Start "sawing" back and forth while slowly moving the 2x4 towards the back of the tee. This makes sure there is enough concrete for a nice level pad. If there are any gaps under the 2x4, fill them in with additional concrete and keep going until you have covered the entire tee. Excess concrete gets pushed off the end of the form.

3. Float the concrete. The float is used to create a smooth surface, and to push down the rocks in the aggregate. This is important so they won't be pulled up during texturing. This is a job for your most experienced person.

4. As the concrete goes from soupy to sticky, maybe 40 to 60 minutes, it's time to apply the texture. From the side, take the texturing tool and drag it gently across the tee. This texture will provide players with optimal traction in all conditions.

In busy parks, it may be important to guard your tees while they set to prevent concrete graffiti.



The texture tool, broom, a few screws, washers, a 2x6, and AstroTurf doormat.



Drag the texturing tool across the pad from the side.



A close-up shows the difference between textured and untextured concrete.



Resist the temptation to texture again. Once is probably enough.

## After Tee Pouring

In a day or so, your tees will be set. The frames can remain if you like, but wait a week to remove them. Backfill dirt around the tee to create a smooth transition on and off your tee pad.



# DISCatcher<sup>®</sup> PRO

## Disc Golf Target

### Permanent Model Features

**Target Top** — Visible and Durable. Its construction is all stainless steel. Each target top is also powder coated bright yellow to provide great visibility on the course.

**Chains** — Made to catch discs and withstand abuse. 24 strands of galvanized 2/0 chains. (12 outer; 12 inner).

**Basket** — 10" deep basket helps prevent discs bouncing out. Collects multiple practice putts without interfering with chain action. Galvanized 3/8" steel rod construction.

**Pole** — Our hot-dip galvanized 74" pole is made with sturdy 1/8" walls. Each is pre-drilled for target top, basket, and collar hardware.

**Locking Collar** — Hot-dip galvanized finish. Securely fits over pole mounted with tamper resistant screws. Included in price.

**Installation Tube** — 24" long hot-dip galvanized steel tube. Provides a snug fit for the target at PDGA approved height. Aligns with locking collar for security. Included in price.

### DISCatcher<sup>®</sup> PRO Benefits

#### HIGH VISIBILITY TARGET TOP

Our yellow powder coated target top makes the INNOVA DISCatcher<sup>®</sup> PRO highly visible. All stainless steel construction makes it long-lasting and maintenance free.

#### BUILT TO LAST

Hot-dip galvanized basket, pipe and chains allow a DISCatcher<sup>®</sup> PRO target to weather the elements better than painted or zinc-plated baskets.

#### LAYERED CHAINS CATCH BETTER

12 outer chains grab your disc, while 12 more inner chains buffer and slow the disc, improving catching performance. This makes the DISCatcher<sup>®</sup> a favorite target of players.

#### INSTALLATION TUBES INCLUDED

Don't pay extra! Our DISCatcher PRO permanent target prices include locking collars and installation tubes.

#### PDGA APPROVED

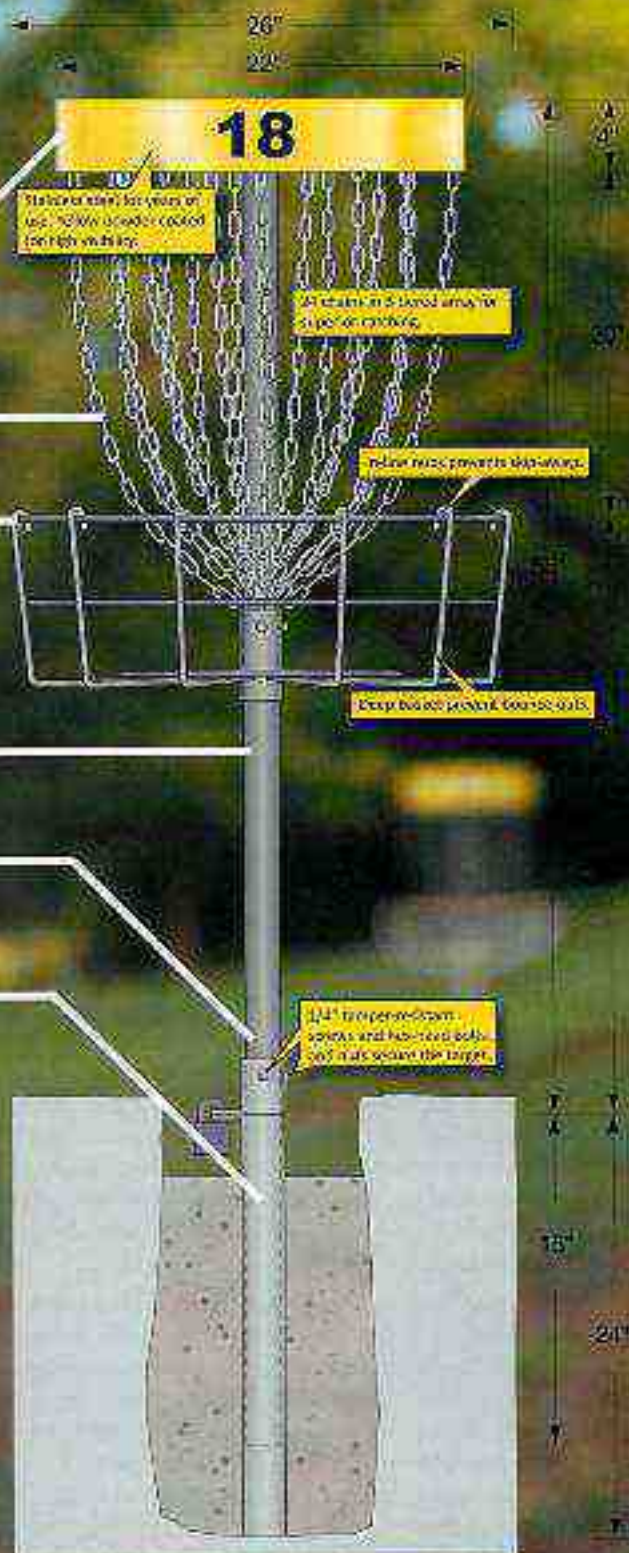
The DISCatcher<sup>®</sup> PRO is PDGA approved for all levels of tournament play. Official target of the US Championship.

#### EAST COAST SALES

2850 Commerce Dr.  
Rock Hill, SC 29730  
Toll Free (800)476-3968

#### WEST COAST SALES

11077 Arrow Route  
Rancho Cucamonga, CA 91730  
Toll Free (800)408-8449



Official Target of the  
U.S. Disc Golf Championship



[www.innovadiscs.com](http://www.innovadiscs.com)





Oconee County, South Carolina  
**Capital Projects Advisory Committee**  
**Capital Project Information Sheet**

Department:	Parks, Recreation & Tourism					
Description	Chau-Ram County Park Disc Golf Course					
Total Cost	\$	15,000	Estimated Useful Life in Years:	25 years+	New or Replacement:	New
Start Date	TBA		Estimated Time to Complete	6 months		

Cost Estimate	Amount	Additional Information
Site Acquisition and Pre-Design	\$ -	If it is anticipated that design services will be volunteer, and that labor and equipment uses will be that of existing Oconee County staff from PRT and Road Dept. \$10,000 cost will be for Disc golf baskets, concrete for the tee pads, trash cans and park benches.
Design and Administration	\$ -	
Construction Contracts	\$ -	
Furnishings, Fixtures and Equipment	\$ 15,000	
Other Project Costs (Please Describe)	\$ -	
	\$ -	
<b>TOTAL ESTIMATED COST</b>	<b>\$ 15,000</b>	

Proposed Sources of Funding for the Total Request	Amount	Additional Information
County Annual Budget	\$ -	LAT/ATAX will only be used if needed! It is the intent to completely fund equipment/concrete with donations. Labor and County equipment use will have a price, but until design, specific amounts not available.
General Obligation Bonds	\$ -	
Special Revenue Bonds	\$ -	
Capital Lease	\$ -	
Economic Development Millage	\$ -	
Bridge & Culvert Millage	\$ -	
Grants	\$ -	
LAT/ATAX	\$ 5,000	
Fund Balance	\$ -	
Donations	\$ 10,000	
Other (briefly describe):	\$ -	
<b>TOTAL PROPOSED FUNDING SOURCES</b>	<b>\$ 15,000</b>	

Estimated Change in Operating Costs		
Category	Brief Description/Justification	Annual Cost
Additional Personnel	None	\$ -
Materials and Supplies	Minimal-additional trash bags for detail	\$ 500
Equipment		\$ -
Utilities		\$ -
Other		\$ -
		\$ -
<b>TOTAL</b>		<b>\$ 500</b>





## Oconee County, South Carolina

### Capital Project Advisory Committee

### Project Criteria Questionnaire

The purpose of this document is to assist the Capital Project Advisory Committee (CPAC) in understanding and scoring proposed capital projects. The questions are based on issues evaluated by CPAC, and attempt to establish an overview of the scope of the project.

Instructions: Answer each of the major questions (*in bold italics*) listed in the 7 criteria categories below. All major questions must be answered with either 'yes', 'no', or 'n/a' if not applicable. For any major question answered 'yes', provide the supporting information requested in a *complete and easy to understand* narrative that addresses each of the related detailed questions. Use as much space as is needed. Copies of any *available* documentation (engineering estimates, quotes, plan summaries, etc.) should be submitted as necessary.

#### **Criteria 1: Public Health, Safety and Mandates**

**1. Does the proposed project directly address a health and/or safety need?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- What is the need most directly addressed by the proposed project, and how will it address the issue?
- Are there other possible alternatives to proposed project?
- Have other solutions been proposed/attempted?
- What secondary benefits to health and safety will result from the proposed project?

Click on gray area to insert response - box will expand as needed:

**2. Does the proposed project address a federal/state mandate?**

Yes  No  N/A



If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What agency is mandating the project (note specific section of law/regulation)?
- b. Has the County Attorney reviewed the issue?
- c. Are there other possible alternatives to the proposed project?
- d. Is there a deadline to meet the mandate, and is this a recurring requirement? If so, what is the anticipated length of time the proposed project will remain in compliance?

Click on gray area to insert response -box will expand as needed:

## **Criteria 2: Goals Established in Adopted Plans**

3. Does the proposed project help to implement goals established in the Comprehensive Plan?  
Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What goal/objective/strategy(s) will be addressed by the proposed project?
- b. What timeline was adopted for implementation?
- c. Who was the agency listed as the responsible party in the plan?

Click on gray area to insert response -box will expand as needed:

- A. The proposed project is consistent with the following goals/objectives of the Comprehensive Plan:

- a. Goal 2-Identify, develop and utilize all tools and funding sources necessary to meet the present and future economic development needs of Oconee County;  
Objective 3-Create and/or update plans for specific priorities; Strategy 4-  
Evaluate, amend and implement recreation plans, as necessary.
- b. Goal 5-Expand appreciation for the arts, cultural heritage, significant natural features, and historic treasures in a manner that both enhances our lifestyle and promotes sustainable economic prosperity; Objective 2-Conserve and protect features of significant local, regional and national interest, such as scenic highways, state parks, and historic sites and expand efforts to promote



*them for tourism; Strategy 8-Review and update adopted regulations as needed to ensure all cultural, historical and natural resources receive the protection necessary to remain a viable component of our lifestyle, as well as playing a role in an expanding tourism economic sector.*

- c. Natural Resource Objectives for the future (3)-Manage natural assets in a manner that ensures the resources continue to enhance Oconee County's lifestyle and provide increased economic opportunities.*

*B. No official timeline has been adopted for implementation-County Council approved the concept and initial partnership with City of Westminster in September 2009. Since that point, we have raised approx. \$5,000 to purchase equipment with. It is anticipated that design services will be volunteer donations and labor and equipment from Oconee County and/or City of Westminster will be utilized to assist with implementation once design is complete.*

*C. Oconee County Parks, Recreation & Tourism*

**4. Is the proposed project consistent with adopted strategic plans?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; If the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What strategic plans reference the proposed project (note any timelines, responsible parties, etc.)?
- b. What agency sponsored the strategic plan?
- c. How was the plan developed?
- d. Has the plan been adopted/endorsed by County Council?

Click on gray area to insert response -box will expand as needed:

**5. Does the proposed project implement the recommendations of a previous study?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:



- a. What agency sponsored the study (note the source of any funding)?
- b. What was the purpose of the study, and when was it performed?
- c. What factors considered in the study have changed since the work was done?
- d. Have the results of the study been presented to County Council?

*Click on gray area to insert response -box will expand as needed:*

- A. *Oconee County Parks, Recreation & Tourism and Mountain Lakes Convention & Visitor's Bureau utilized a matching grant from the South Carolina National Heritage Corridor to complete the Oconee County Tourism Action Plan.*
- B. *Purpose of the Tourism Action Plan was to provide an existing analysis of the existing tourism products, recommendations of potential tourism product development sites and/or attractions, and proposals and strategies for the development and enhancing of tourism product(s) in Oconee County. This plan compliments and provides a greater focus to the Upstate Product Development plan completed by the South Carolina Department of Parks, Recreation & Tourism for Product Development. The study was completed, presented to and adopted by Oconee County Council July 20, 2010.*
- C. *None*
- D. *Yes, Adopted July 20, 2010*

- 6. *Has the proposed project been consistently included in previous Capital Improvement Plans?*  
 Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. When was the project first proposed?
- b. What was the original proposed date of construction/acquisition/implementation?
- c. Has any other agency also included the proposed project (or significant portion of) on their capital improvement plan?

*Click on gray area to insert response -box will expand as needed:*

### **Criteria 3: Economic Development**

- 7. *Will the proposed project result in the creation of (or retention of) jobs?*  
 Yes  No  N/A



If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. How many jobs will be created?
- b. How many jobs will be retained that would otherwise be lost without the proposed project?
- c. What types of jobs?
- d. What is that anticipated pay range of the jobs?
- e. Are there other known job-related benefits associated with the proposed project?

Click on gray area to insert response -box will expand as needed:

**8. Will the proposed project facilitate development that directly enhances revenues through taxes or fees?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What sources of increased revenues (taxes, fees, etc.) are anticipated to stem from the proposed project?
- b. What is the anticipated annual impact on each revenue source?
- c. Are there other possible enhancements to revenues that may be associated with the proposed project?

Click on gray area to insert response -box will expand as needed:

**A. Park fees collected for use of additional recreation amenity.**

**B. Minimal impact as fee will be \$2 per vehicle for participation**

**C. Yes, additional amenities to be considered for this property are mountain bike and hiking trails, passive recreation and interpretation.**

**9. Will the proposed project enhance the County's image, thereby attracting potential investors?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:



- a. How will the proposed project be viewed by the 'average' citizen?
- b. How 'visible' will the proposed project (or its benefits) be?
- c. What type(s) of, and how much, private investment is the proposed project anticipated to attract?
- d. What level and type of promoting will be necessary to achieve the proposed project's maximum potential in attracting investment?

*Click on gray area to insert response -box will expand as needed:*

- A. Project will continue to enhance the recreation availability*
- B. This specific part of the project is a targeted enhancement for Disc Golf and hosting Disc Golf tournaments is located off of horseshoe bridge road and will increase the Disc Golf inventory in Oconee County.*
- C. Private investment sponsors will pay for the Disc Golf Baskets-\$5,000; Design services are anticipated to be donated; County and/or Westminster labor and equipment will be used for parking lot, course clearing and tee pad installation. Upon completion, Park staff as well as volunteers through the Greater Oconee Disc Golf Club will be utilized for ongoing maintenance and upkeep.*
- D. Promotions through visitors guides, targeted Disc Golf organizers and suppliers, as well as regular tournaments will promote the course into a regional attraction to compliment the existing Oconee County Disc Golf inventory.*

**10. Will the proposed project help prevent the loss of jobs and/or revenue (other than any discussed above in this section) from Oconee County?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; If the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What types of jobs/revenue are subject to loss without the proposed project?
- b. Has a project similar to the one proposed been completed in the county/jurisdiction to which the jobs/revenue will potentially be lost? If so, describe.
- c. Are there known alternatives to the proposed project that may effectively save the jobs/revenue?

*Click on gray area to insert response -box will expand as needed:*



## **Criteria 4: Capital Fiscal Impact**

**11. Will proposed project have a positive impact on the General Fund budget?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. How will the proposed project enhance revenues?
- b. What is the anticipated annual impact to the General Fund budget?
- c. What is the anticipated cost of delaying construction/acquisition of the proposed project?

*Click on gray area to insert response -box will expand as needed:*

- A. Create additional targeted park users for Disc Golf, which will create a minimal increase of park fees.*
- B. No additional impact to the General Fund Budget is anticipated.*
- C. None.*

**12. Will the proposed project facilitate acquisition of grants and/or other outside funding?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What types of grants and/or other outside funding sources are expected to be made available by construction/acquisition of the proposed project?
- b. Have other jurisdictions successfully leveraged such funds with similar projects? If so, provide a brief overview.

*Click on gray area to insert response -box will expand as needed:*

- A. Partnership with City of Westminster established September 2019 to raise sponsorship funds for equipment and possibly assist with labor and equipment for implementation. It is also possible to utilize local accommodations taxes to assist for equipment if needed, but not anticipated.*



*B. It is common for Counties, Municipalities and Recreation districts to partner with other government agencies as well as local interest groups such as the Greater Oconee Disc Golf club to complete and maintain such a project.*

**13. Will the project be economically sustainable?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What resources (staffing, maintenance, upgrades, etc.) are anticipated to be required to operate and maintain the proposed project?
- b. How will the proposed project offset the cost of operation and maintenance?
- c. Are there additional potential sources of economic benefit available?

*Click on gray area to insert response -box will expand as needed:*

*Once Disc Golf course complete, expenses will be very minimal as existing staff will monitor trash detail and routine course play will assist in course management/maintenance.*

**14. Is the proposed project supported by available or previously designated funding?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What funding sources are designated for the proposed project?
- b. If the construction/acquisition of the proposed project is to be phased or otherwise completed over a period of 2 or more fiscal years, are the designated funds available for each fiscal year?

*Click on gray area to insert response -box will expand as needed:*

**15. Will construction/acquisition of the proposed project now result in significant savings or economies of scale?**

Yes  No  N/A



If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What are the anticipated costs to delaying the project?
- b. Are there factors other than inflation that may result in additional costs?

*Click on gray area to insert response -box will expand as needed:*

### **Criteria 5: Operation and Maintenance Fiscal Impact**

**16. Will the proposed project have a positive impact on operation and maintenance budgets?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What is the anticipated annual cost to operate and maintain the proposed project?
- b. What existing asset is to be replaced or modified by the proposed capital project?  
Include annual cost to operate and maintain, and note expected savings.

*Click on gray area to insert response -box will expand as needed:*

*Project will have very minimal expense as it is a passive recreation component of the park. Existing park staff will have an added area for trash detail, but no substantial impact to note at this point.*

**17. Will the proposed project improve the efficiency of existing operations?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What existing services will be impacted by the proposed project?
- b. In what way will the proposed project improve existing services?
- c. Are there options to the proposed project to gain similar improvements in efficiency?

*Click on gray area to insert response -box will expand as needed:*



*Park Services will be enhanced and offer an additional component for recreation to local citizens as well as tournament players as a tournament venue.*

**18. Is the proposed project considered 'low-maintenance'?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. If the proposed project is the construction/acquisition of a replacement or improvement of an existing asset, how will it compare to current requirements?
- b. What are the key features related to ensuring the proposed project will require little maintenance?
- c. Are there warranties or guarantees associated with the proposed project?

*Click on gray area to insert response -box will expand as needed:*

*A. New component to park facilities*

*B. Once complete, course is set up and routine play will assist with course management. Park staff and volunteers from Greater Oconee Disc Golf Club will also be an active participant in course maintenance, trash detail and tournament planning.*

*C. No*

**19. Will the proposed project require additional resources (staff, funding, etc.) to support its operation?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What additional resources will be required?
- b. Can some resources be 'shared' with other assets?
- c. Are there options available that will limit need for additional resources?



Click on gray area to insert response -box will expand as needed:

**20. Are there any existing assets which will be rendered obsolete/surplus or otherwise unneeded by the proposed project?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What assets will be rendered obsolete/surplus or otherwise unneeded by the proposed project?
- b. How functional are the assets in their current condition?
- c. What are the potential uses for the assets?
- d. What is the estimated costs to recondition/upgrade the assets for these identified potential uses? How much to demolish?

Click on gray area to insert response -box will expand as needed:

## **Criteria 6: Impact on Service Levels**

**21. Will proposed project bring service up to desired level?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What is the desired level of service?
- b. Was the target service level determined through a formal study? If not, what is determination based on?

Click on gray area to insert response -box will expand as needed:



22. Will the proposed project improve levels of service provided by more than one asset or function?

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What other asset or function will be enhanced by the proposed project?
- b. How will levels of service be enhanced?

Click on gray area to insert response -box will expand as needed:

*Additional Park services available.*

### **Criteria 7: Relationship to Other Projects/Coordination**

23. Does the proposed project coordinate well with other ongoing or planned projects?

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What other projects may be impacted by the decision to construct/acquire the proposed project at this time?
- b. Are there any special concerns that need to be addressed to ensure the development of the proposed project does not negatively impact other projects?

Click on gray area to insert response -box will expand as needed:

A. *Proposed project fits into the anticipated plan for the property at Chau Ram Park. Additional amenities such as hiking trails and mtn. bike trails will be added in the future.*

B. *No*

24. Can the project be effectively coordinated with other projects in the same area?

Yes  No  N/A



If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What other capital projects are being constructed/acquired in the same area?
- b. What are the steps necessary to ensure the proposed project does not negatively impact (or are negatively impacted by) other projects?

*Click on gray area to insert response -box will expand as needed:*

**25. Does the proposed project address needs or otherwise benefit other jurisdictions?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What jurisdiction(s) will benefit from the proposed project?
- b. What are the potential benefits?
- c. Is there a potential for partnership with the jurisdiction?

*Click on gray area to insert response -box will expand as needed:*

*A. Specifically Town of Westminster, but overall, Oconee County and the entire region will benefit as Disc Golf is in continuous demand.*

*B. Increased park users as well as increased tourism impact directly attributed to tournaments that take advantage of the rich Disc Golf inventory here in Oconee County. Oconee County currently has Disc Golf courses at the Shaver Recreation Center, Seivona Field, Chattooga Belle Farm and Clemson Campus Recreation area.*

*C. Yes*

**26. Is the project timely or subject to a window of opportunity?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:



- a. What is the timeframe for constructing/acquiring the proposed project?
- b. What are the potential negative impacts of delaying the project?
- c. Can construction/acquisition of the proposed project be phased or otherwise accomplished over multiple years?

*Click on gray area to insert response -box will expand as needed:*

**27. Will the project create any disruption or inconvenience to the public?**

Yes  No  N/A

If the answer is No or N/A, move on to the next question; if the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. What are the potential sources of disruption or inconvenience to the public?
- b. What steps can be taken to mitigate the problems?

*Click on gray area to insert response -box will expand as needed:*

**28. Is the proposed project the best use of the funding available for its category of project?**

Yes  No  N/A

If the answer is Yes, provide the following information in the space indicated below. Be sure to address each question:

- a. Are there other similar projects proposed (or expected to be proposed in the near future)?
- b. Why is the proposed project the best use of the funds?

*Click on gray area to insert response -box will expand as needed:*

- A. No other similar projects proposed. Funds for equipment raised by sponsors.
- B. Very minimal expense for additional recreation component